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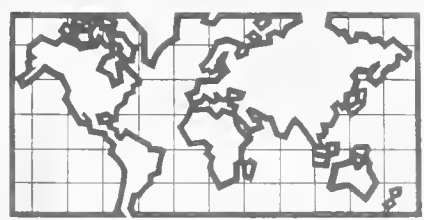






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# International Agriculture Newsletter

College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

No. 1 June 1978

## IVORY COAST PROGRAM

International Agricultural Programs and the Ministry of Agriculture of the Ivory Coast have a cooperative arrangement with the University of Illinois which enables Ivory Coast students to come to the United States and work towards an M.S. degree.

This cooperative program was initiated in Jan. 1976 and since that time 16 Ivorians have been involved.

During their first semester on the UIUC campus, the students are enrolled at the Intensive English Institute. After passing the English examination, they begin their master's program.

In January of 1978, three of the students completed their M.S. degrees and returned to the Ivory Coast. A fourth student received his M.S. in April.

Seven students on the UIUC campus, three at Mississippi State University, and two at Purdue are currently in the program. Six more Ivorian students are expected to arrive in August to start at the Intensive English Institute.

The Ivory Coast Ministry of Agriculture finances this higher education program.

## BENTLEY TRADE MISSION TO CHINA

Dean Orville Bentley accompanied a delegation of 18 Illinois agricultural leaders on a trade mission to the People's Republic of China in efforts to establish Illinois as a future source for Chinese food imports. From March 17 to April 2, the group toured China.

Bentley discussed agricultural research and education with members of Chinese ministries and set up a tentative future exchange of professors between China and the University of Illinois.

## CIC SUMMER ABROAD STUDY-TRAVEL

Agriculture students Sue Abbott, Wayne Holstein, and Harold Winship are participating in the CIC summer travel-study of Western European Agriculture during June and July. The six Big Ten universities with agricultural colleges cooperate in providing this credit course annually.

In 1979, the University of Illinois and Ohio State will be responsible for a similar study including both Eastern and Western Europe.

## INTERNATIONAL DIRECTORY

The deadline has been extended for the "1978 Directory of Staff with International Qualifications" questionnaire sent out by the Office of International Programs and Studies. If you have not returned your questionnaire, please send it as soon as possible to 3014 Foreign Language Bldg.

at Urbana-Champaign  
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## AG TECHNOLOGY CONFERENCE

An international conference on "Agricultural Technology for Developing Nations: Farm Mechanization Alternatives for 1-10 Hectare Farms" was held on May 23&24 in Champaign.

The conference focused on the problems and opportunities related to the introduction of agricultural technology for increased food production, the socio-economic impact of farm mechanization, and the opportunities for developing and marketing equipment for small farms.

The American Society of Agricultural Engineers, the Interfaith Center on Corporate Responsibility, and the University of Illinois sponsored the conference. UIUC speakers included Dr. Folke Dovring and Dr. Earl D. Kellogg from Agricultural Economics.

Deere and Co. provided a grant for the two-day conference.

## SPRAGUE RECEIVES WOLF FOUNDATION AWARD

George F. Sprague, Agronomy, was presented with a \$50,000 Wolf Foundation Award in Agriculture. Dr. Sprague received the award at a ceremony in Israel on April 10.

Co-winner John C. Walker, professor emeritus in plant pathology at the University of Wisconsin, also received \$50,000.

The Wolf Foundation Awards are authorized by the Israeli government and cover agriculture, chemistry, mathematics, medicine and physics. In each category \$100,000 is awarded which may be shared by up to three winners.

## DAIRY GOAT CONFERENCE

The Dairy Goat Conference was held on the U. of I. campus on April 29. Dr. Sam Guss, nationally renowned dairy goat expert, was guest speaker. Dr. R. Rindsig, Dr. R. Ott, and Dr. D. Nelson of the College of Veterinary Medicine, also gave talks at the conference.

## WORLD FOOD PROGRAM

"World Hunger in the Midst of Plenty" was the subject of the Third Annual Greater St. Louis World Food Program held March 15-16.

C.B. Baker, professor in Agricultural Economics, was a guest speaker, while several UIUC faculty members helped with the coordination and planning of the conference which was co-sponsored by the University of Illinois.

## SOIL EROSION WORKSHOP

J. Kent Mitchell, assistant professor in Agricultural engineering, attended an international workshop on the assessment of soil erosion, from Feb. 27 to Mar. 3 in Ghent, Belgium. Dr. Mitchell presented a paper on "Soil Loss Estimation from Fall-out Cesium-137."

## EXCESS BOOKS?

Alpha Zeta's pledge class is taking on a project of collecting books related to agriculture to help a new Philippine university, Central Mindanao, build an agricultural library.

Tim Herrick is the project leader. During the summer, Dr. Don Bray will receive books at 324 Mumford Hall, phone 333-3456.

Please consider this project when weeding out old books from your office and home. It is an excellent and easy way to put them to good use.

The project will be completed this autumn.

TITLE XII  
WORKSHOP

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A Title XII workshop was held in January. Representatives from the universities of Illinois (Earl D. Kellogg, Agricultural Economics), Wisconsin, Ohio State, and Purdue prepared a research framework to assess the operation and performance of LDC's agricultural research, education, and extension systems. The meeting was requested by AID and took place in Chicago.

INTAAG

The Dairy Science Department in behalf of the College of Veterinary Medicine and the College of Agriculture initiated a proposal to MUCIA for a regional program in international animal agriculture in Southeast Asia, INTAAG. The aim of INTAAG would be to increase the quantity and quality of the livestock production systems used for food and non-food purposes.

BLOOD DISEASE  
PROGRAM  
BOGOTA

Miodrag Ristic and C.A. Carson, professors in Veterinary Medicine, and A.J. Lee, professor in Dairy Science, participated in a joint program on blood diseases of cattle in Bogota, Colombia during March.

The University of Illinois in collaboration with Texas A&M University and the Colombian International Center for Tropical Agriculture reviewed the large field trials of their cooperative research project on born anaplasmosis vaccines.

These studies are supported by AID and the Rockefeller Foundation.

FULBRIGHT-HAYS  
CONFERENCE

The University of Illinois hosted the Midwest Regional Fulbright-Hays Conference on May 18-21. Nearly 30 foreign alumni and 30 domestic alumni under the Fulbright-Hays program attended the conference. C.B. Baker, Agricultural Economics, was the conference chairman.

PHILIPPINE  
USAID PROJECT

Glenn R. Schmidt, associate professor in Animal Science, spent five weeks in the Philippines during March as a consultant for USAID. Schmidt served on a three-man team reviewing ten feasibility studies developed to determine the possibility of promoting agribusiness development in the Bicol River Basin, south of Manila.

CORBIN REVIEWS  
DOG NUTRITION  
IN JAPAN

Prof. Jim Corbin, Animal Science, visited the Japanese Feed Manufacturers as a representative of the American Soybean Association to sell soybeans. From Feb. 13 to 26, Corbin reviewed dog nutrition with pet food producers in Japan.

JACKOBS IN  
SRI LANKA  
AND INDIA

J.A. Jackobs, Agronomy professor and new 3/4-time INTSOY member, will be in Sri Lanka and India from May 18-July 1. In Sri Lanka, Jackobs will review the INTSOY project of which he is the campus coordinator, and in India he will look over the UNDP/FAO-supported project at the Fodder and Grassland Station at Jhansi.

PELZ  
GERMAN FORESTRY  
CONFERENCE

D.R. Pelz, assistant professor in Forestry, will participate in the International Union of Forest Research Organizations in Freiberg, Germany in June.

PEACE CORPS

The Peace Corps provides international experience for undergraduates and graduate students. Recruiters Bob Morin and Gene Peuse are finding research opportunities for graduate students via the Peace Corps. Contact them at 333-3166 or in 357 Education Bldg.

FULBRIGHT-HAYS  
OPPORTUNITIES

Fulbright-Hays Opportunities Abroad awards are available for lecturing and full- or part-time research in Western Europe during the 1979-80 academic year.

July 1, 1978 is the deadline for these applications. Information on qualifications and other details may be obtained at the Office of International Agricultural Programs, 113 Mumford Hall.

INTSOY

Since all UIUC Agriculture faculty receive the INTSOY Newsletter, news about INTSOY is not included in this publication.

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# International Agriculture Newsletter



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No. 2 July 1978

## YUGOSLAVIA MAIZE PROJECT

Under a contract with the Projects Execution Division of the United Nations Development Program, the University of Illinois and various institutes in Novi Sad (Province of Vojvodina), Yugoslavia are cooperating in a project entitled, "Maize; Breeding, Production, Processing, and Utilization."

Twenty-three fellowship recipients from Yugoslavia have been or will be trained in the United States for one to seven months. Fourteen U.S. consultants, most of whom are from the University of Illinois, have served or will serve short-term assignments in Yugoslavia. The cooperative program began in February of 1975 and is expected to end in late 1978 or early 1979.

W.D. Buddemeier, director of International Agricultural Programs, recently visited the University of Novi Sad while on a two week visit to the Ivory Coast and Yugoslavia.

## ALEXANDER RECEIVES AWARD IN PERU

D.E. Alexander, professor in Agronomy, received a plaque in recognition of his scientific support in the development of PCIM (Maize Research Program) in La Molina, Peru. The award, presented in May at the National Agrarian University in La Molina, was in comemoration of the PCIM's 25th anniversary.

## VET MED MALAYSIAN PROJECT

David L. Huxsoll, associate professor in Veterinary Pathology and Hygiene and Commanding Officer of the U.S. Army Research Medical Unit in Kuala Lumpur, Malaysia, was in Urbana June 24 through 27 to discuss with Dr. M. Ristic future plans of the continuing program on the control of tropical canine pancytopenia (TCP), a tick-borne disease that affects armed forces dogs. Huxsoll, originally from the Walter Reed Institute of Medical Research in Washington, D.C., has been in Malaysia for four years.

## BUDDEMEIER RETIREMENT RECOGNITION

On Sept. 8 a retirement recognition lecture and reception will be held for Dr. W.D. Buddemeier, who has served as associate dean and director of International Agricultural Programs since 1970 and will retire on Aug. 31. Dr. Arthur T. Mosher, president of the Agricultural Development Council, will present a recognition lecture at 3 p.m., 180 Bevier Hall. A reception for the Buddemeiers will follow at 4:15 p.m. in the Levis Faculty Center.

PERU PROGRAM  
IN PEST MANAGEMENT

In early May Dr. R.E. Ford, head of the Department of Plant Pathology, was in Peru to participate in the Pest Management Program for the University of California/AID project, and then spent eight days consulting with staff of the INTSOY Peru corn soybean project.

Michael E. Irwin, assistant professor in Agricultural Entomology, was also in Peru during May for the UC/AID Pest Management Program. In addition, Irwin developed a proposal for a soybean insect pest management program. This program, which has research and extension components, is part of the INTSOY Peru project.

INTSOY  
PRODUCTION  
SHORT COURSE

On May 15 a group of 15 participants from 10 different countries began the 4th Annual Soybean Production Short Course, "Technical and Economic Aspects of Soybean Production," which continues until Aug. 19.

KANTHAMANI  
TO SRI LANKA

Sampathiengar Kanthamani, research assistant in Food Science, will begin an INTSOY assignment in Sri Lanka as a consultant for home and village level processing of soybean foods for the soybean project there. Kanthamani received her M.S. in food science at the University of Illinois in 1977.

SINCLAIR  
ITRU

Dr. James B. Sinclair, Plant Pathology, was in Iran from June 8 to 18 visiting University of Illinois programs at the Illinois Tehran Research Unit (ITRU), the University of Tehran, and other universities for general program review and program development. Since 1973 Sinclair has served as coordinator of the ITRU.

HAGEMAN  
DELEGATION  
TO CHINA

Richard H. Hageman, professor of crop physiology in Agronomy, was one in a delegation of ten U.S. scholars who returned June 22 after one month in the People's Republic of China. The trip was sponsored by the American Society of Botany and was part of an exchange program with China. In 1979 a delegation of Chinese scholars is expected to tour the United States.

U.S.-GERMAN  
FORESTRY EXCHANGE

I.I. Holland, head of the Department of Forestry, toured through Germany from May 21 to June 3 as one of six U.S. participants in the annual exchange between the Federal German Forest Service and the U.S. Forest Service. The U.S. team studied the German Forestry developments in urban forestry and forestry recreation.

CHOW  
IBADAN

Prof. Poo Chow, Forestry, will return to the University of Ibadan, Ibadan, Nigeria, July 21 to 31, to help the University with examinations for graduating seniors in the wood engineering program at the College of Technology. Chow made a trip for the same purpose last year.



AUSUDIAP  
MEETS IN UTAH

The Association of U.S. Directors of International Agricultural Programs (AUSUDIAP) met on June 22 to 24 in Logan, Utah for a conference entitled, "Science and Technology in Developing Nations." Attending from International Agricultural Programs were Wilbur D. Buddemeier, director, and Thomas A. McCowen, associate director. George K. Brinegar, director of the Office of International Programs and Studies, spoke at the conference.

CURTIS  
IN MEXICO CITY

Stanley E. Curtis, associate professor in Animal Science, was in Mexico City, Mexico from June 22 to July 1 to consult with the director of the Instituto Nacional de Investigaciones Pecurias and others involved in the Rockefeller-funded project to control anaplasmosis and tick-borne, red blood cell parasites of cattle.

Dr. Miodrag Ristic, College of Veterinary Medicine, is in charge of the program.

TWO AT  
PLUM ISLAND

Veterinary Medicine Professor Emeritus Dean H. Ferris moved to New York in 1972 and has been working on international disease research at Plum Island Animal Disease Research Laboratory in Greenport, Long Island, New York.

Richard E. Guelzow, second-year student in Veterinary Medicine, was accepted and is participating in the 1978 Federal Summer Intern Program at Plum Island Animal Disease Research Laboratory in New York.

ROBINSON  
SABBATICAL  
IN FRANCE

James L. Robinson, associate Professor of biochemistry in the Department of Dairy Science, will leave in August for a 12-month sabbatical in France to pursue studies on the enzymes and transport processes essential to gluconeogenesis during the perinatal development of the pig. Robinson will be working with nutritionist A.A. Rerat at the Institute for Agricultural Research and at the Center for Nutrition Research.

FORMER DEAN  
IN INDONESIA

Karl E. Gardner, former associate dean and director of resident instruction of the College of Agriculture, left March 24 for a three-month MUCIA assignment at Pandang University in Sumatra, Indonesia. Under the auspices of the University of Wisconsin, Gardner is advising the new college of agriculture of curriculum matters, student relations, and relationships with other colleges within the University.

WORKSHOP IN  
ST. LOUIS

On July 13 and 14 Washington University in St. Louis, Mo., will host the Workshop on the Role of U.S. Universities in Science and Technology for Development: Mechanisms and Policy Options. The participants, including W.D. Buddemeier, director of International Agricultural Programs, have reviewed a paper on the subject and will give their observations.

HILL ADVISES  
RESEARCH ABROAD

Dr. Lowell D. Hill, Agricultural Economics, supervises Hendrick Knipscheer's and Steve Bermingham's research in Western Europe.

Hendrick Knipscheer, Ph.D. student in Agricultural Economics, left June 1 on his second trip to EC countries. For six months Knipscheer will interview university, industry, and government people involved with trading soybean products. Knipscheer is continuing work on his Ph.D. thesis, "Estimating the Demand for U.S. Soybeans and Soybean Meal in the Countries of the EC."

Steve Bermingham, research assistant in Agricultural Economics, is stationed at a London port to collect samples of grain from all origins for purposes of comparing quality. Bermingham began the six-month assignment in June. The Research Institute of Cereal and Potato Processing in Detmold, Germany is cooperating with the Department of Agricultural Economics in these grain quality studies.

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# International Agriculture Newsletter

College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

No. 3 August 1978

## FOREIGN MARKETS FOR MIDWEST AGRICULTURE

A conference on Foreign Markets for Midwest Agriculture will be held on Sept. 6 and 7 at the Ramada Inn Convention Center in Champaign. Guest speakers include Senator Adlai Stevenson III, a representative from the Egyptian Embassy, the Illinois Director of Agriculture, and an agricultural specialist from the Office of the Special Representative for Trade Negotiations.

Conference sponsors include the Department of Agricultural Economics, L.J. Norton Chair in Agricultural Marketing, Cooperative Extension Service, and the Office of Western European Studies in cooperation with the Illinois Department of Agriculture.

Those interested should register before Aug. 31. Contact Lowell D. Hill at 3-2455, 218 Mumford Hall.

## CHINESE DELEGATION

Thirteen administrators and scientists from the People's Republic of China, plus an entourage from the National Academy of Science and the State Department, were visiting the College of Agriculture from July 24 to 26.

The Chinese group was interested in the areas of animal science, nutrition, and food policy. Their visit was part of an exchange program arranged through the National Academy of Science.

Dr. Donald Bray, Animal Science, was the Illinois contact for the group.

## VET MED PERUVIAN PROJECT

Dr. Caesar Lora, director of Veterinary Sciences for the Peruvian Government, met with Dr. Miodrag Ristic, College of Veterinary Medicine, from July 20 to 23. Arrangements for a research project on the control of tick-borne blood diseases of cattle were discussed.

The Peruvian Government and the University of Illinois are working together on the renewal of this project which was planned in 1969 but never implemented.

## DANISH STUDENTS' SUMMER TOUR

Twenty-three Danish students from the Royal Veterinary and Agriculture University in Copenhagen, Denmark, visited the College of Agriculture from July 21 to 23. Each summer junior and senior students from this university make a one month travel study in the United States. Dr. Earl Swanson, Agricultural Economics, was their campus contact.

PLANT PATHOLOGY  
CONGRESS  
IN MUNICH

The Third International Congress of Plant Pathology will be held Aug. 15-23 in Munich, Germany. Those attending from the Department of Plant Pathology include Dr. Richard E. Ford, Dr. Robert M. Goodman, Dr. Arthur L. Hooker, Dr. Malcolm C. Shurtleff, Dr. James B. Sinclair, and Dr. Jack D. Paxton.

FORD RECEIVES  
FULBRIGHT  
LECTURESHIP

Dr. Richard E. Ford, head of the Department of Plant Pathology, received a Fulbright lectureship for one month, July 16 to August 16, in Belgrade, Yugoslavia. Ford will be lecturing and giving seminars on virus surveys in corn.

GOODMAN IN  
EUROPE AND AFRICA

Dr. Robert M. Goodman, INTSOY staff member and professor in the Department of Plant Pathology, will travel in Europe and Africa during August and September to attend meetings and present papers.

Goodman will participate in the Third International Congress of Plant Pathology in Munich, Germany; the Meeting of the International Working Group on Legume Viruses in Zurich, Switzerland; and the Fourth International Congress of Virology in Holland.

In London Goodman will visit research and experiment stations and in Nigeria he will be stationed at the International Institute for Tropical Agriculture (IITA) for two weeks.

HOOKER  
PAXTON  
SABBATICALS

Dr. Arthur L. Hooker and Dr. Jack D. Paxton, Plant Pathology, will begin one year sabbaticals in August.

Dr. Hooker will spend time in the Republic of South Africa and Yugoslavia to study corn diseases and corn breeding.

Dr. Paxton will take his sabbatical leave in The Netherlands, Norway, and Wales to research nodulation, the mechanism of incompatibility of fertilization in flowering plants, and the mechanism of action of phyto-alexins in soybean plants.

HITTLE VISITS  
FROM SRI LANKA

Carl N. Hittle, project leader/senior agronomist and INTSOY representative for Asia, was on campus July 23 to August 1 to discuss various aspects of the Sri Lanka program with faculty and administration.

Following home leave, Hittle will return to Sri Lanka and complete plans for the 1979-81 period of the Sri Lanka Soybean Development Project under which INTSOY, FAO/UNDP, CARE, and UNICEF are cooperating.

ERDMAN TO  
RIO DE JANEIRO

Dr. John Erdman, Food Science, will attend the 11th Congress of Nutrition in Rio de Janeiro from Aug. 26 to Sept. 1. Erdman will present a paper on mineral bioavailability in soybeans.

RODDA  
CONSULTANTSHIP  
IN EGYPT

Dr. Enrol D. Rodda, Agricultural Engineering, left August 1 on a five month consulting assignment in Egypt. Rodda is one of eight who will be working on a national farm mechanization study to develop a project proposal for the country regarding farm mechanization.

BAKER AND EASTER  
VISIT MEXICO

Dr. David H. Baker and Dr. Robert A. Easter, Animal Science, were in Sonora and Mexico City, Mexico from July 16 to 23 to talk about the assessment of amino acids in feeds and the use of the amino acid lysine to improve poor quality protein feeds.

In Sonora, Baker and Easter conferred with individual producers, managers, and consultants. In Mexico City they met with colleagues at the Instituto Nacional de Investigaciones Pecuaris.

BROOKS  
JAMAICAN  
ASSIGNMENT

Dr. Bruce Brooks, Agricultural Economics, left July 24 for two years in Kingston, Jamaica. Brooks has an inter-agency personnel contract to do project management work associated with the Jamaican ministries of Agriculture and Finance. Dr. Brooks will be working with a team of Jamaicans and Americans assisting in writing and evaluating projects.

SCOTT IN  
YUGOSLAVIA  
FOR WORLD BANK

Dr. John T. Scott, Jr., Agricultural Economics, was in Belgrade and Novi Sad, Yugoslavia from July 1 to 7 to help evaluate the procedure and methodology which Yugoslavia is planning to follow in assessing benefits of proposed World Bank loans for three different projects. Scott visited several government agencies and state banks.

KELLOGG AND  
GRISLEY IN  
THAILAND

Dr. Earl D. Kellogg, Agricultural Economics, was in Chaing Mai, Thailand from July 14 to 27 to consult on Agricultural Economics research work, obtain data for research reports, and to supervise Bill Grisley's thesis research.

Bill Grisley, Ph.D. student in the Department of Agricultural Economics, left July 6 for Chaing Mai, Thailand where he'll spend seven months conducting research on his Ph.D. thesis about influences of farmer's risk preferences and expectations on crop investment and technology adaptation.

UIUC FACULTY  
CONSULTS IN  
SOUTH KOREA

Dr. Marcos Kogan, Entomology; Dr. Henry Hadley, Agronomy; and Dr. Richard Johnson, Agronomy, were in the Republic of Korea to serve two-week consultantships in the Office of Rural Development (ORD) in July-August.

Kogan, Hadley, and Johnson observed soybean research, education, and production programs; participated in discussions with personnel of ORD and related institutions; and presented seminars while in Korea.

FACULTY  
OPPORTUNITIES  
IN IRAN

The Illinois Tehran Research Unit (ITRU) in collaboration with the Center for International Comparative Studies (CICS) is seeking to expand the involvement of the UIUC faculty and the geographic scope of research and teaching activities in Iran and adjacent countries.

Limited financial assistance will be offered to support short term travel and exploratory studies. All proposals must be endorsed by a faculty member's home department and submitted before Nov. 1, 1978.

For further information, contact Marvin Weinbaum at 333-3880 or Joseph Casagrande at 333-1994.

ANIMAL HEALTH  
POSITION

Information about an animal health position in Tanzania can be obtained at the Office of International Agricultural Programs. The position is available through a contract administered by the University of West Virginia.

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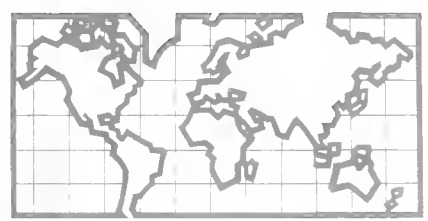
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University of Illinois  
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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

No. 4 September 1978

SUMMER STUDY ABROAD, 1979: Undergraduate and graduate students in agriculture and related fields are encouraged to apply to the Field Study in International Agriculture Programs, sponsored by CIC. Approximate dates for 1979 are June 10 to July 15. Six semester credit hours will be given. Projected cost is \$2,750 plus resident tuition. Study sites are in Eastern and Western Europe. For more information contact Dr. U. Garrigus, 332 Mumford Hall, 333-0124.

INTERNATIONAL DEVELOPMENT INTERN PROGRAM (AID): This is a two-year program leading to career positions in developing countries. Candidates should have a graduate degree in agriculture, agricultural economics, civil engineering, education administration, finance, business administration, rural sociology, nutrition, or public health, or an undergraduate degree in accounting plus one year or more of professional experience. Inquiries for the Fall 1979 class must be received by Friday, September 29, 1978. Send resume to: Intern Recruitment, Recruitment Branch, Office of Personnel and Training, Agency for International Development, Washington D.C. 20523.

IFDC/MUCIA GRANTS: The International Fertilizer Development Board (IFDC) in cooperation with MUCIA is offering grants for graduate student research. The two subject areas are phosphate utilization and constraints to fertilizer use. The funding level will be about \$5,000 per project. For more information contact Dr. V. West, 3010 Foreign Language Building, 333-1993; or Dr. E. Kellogg, 310 Mumford Hall, 333-1253.

UNDP MAIZE PROJECT: Three Yugoslavians are at UIUC this semester to participate in the UNDP Yugoslavian Maize Project. Dr. Stojan Savic will study with Drs. A. Jensen, Animal Science, and D. E. Alexander, Agronomy. Zivka Vidojevic will also study with Dr. Alexander, while Marija Rudic will be with Dr. R. Johnson, Agronomy.

SOYBEAN PRODUCTION SHORT COURSE: The fourth annual Soybean Production Short Course has been successfully concluded. Associate Dean Buddemeier presented Certificates of Completion to 15 participants from 10 countries. So far, 61 participants from 33 countries have completed this short course, which is conducted by INTSOY. The course lasts 16 weeks. For information on next year's program contact Dr. J. Santas, 58 Mumford Hall, 333-4785.

IVORY COAST STUDENTS: Twelve students from the Ivory Coast arrived at UIUC in August to attend the Intensive English Institute. After completing the course they will go to various U.S. universities for graduate study in agriculture.

PINON VISITS UIUC: Dr. J. D. Pinon, Forest Pathologist at the Centre National de Recherches Forestieres in Nancy, France, was in Champaign-Urbana July 10-11. He met with Dr. J. Jokela, Forestry, and Drs. E. B. Himelick and D. Neely, Section of Botany, Illinois Natural History Survey.

#### SUMMER TRAVELS

Dr. Loren Bode, Agricultural Engineering, attended the International Conference on Liquid Atomization and Spray Systems held in Tokyo, Japan, August 27 to 31. Dr. Bode presented two papers, "The Characteristics of Liquid Sprays," and "Transport of Agricultural Pesticide Sprays." He also chaired the session on "Techniques for Measuring Liquid Sprays."

Drs. J. B. Claar, Director of the Cooperative Extension Service, and Andrew J. Sofranko, rural sociologist in Agricultural Economics, were in Somalia as part of a MUCIA team to design a program on agricultural research, extension, and training.

Dr. Upson Garrigus, Animal Science, attended two conferences in South America: the IV Conferencia Mundial de Produccion Animal August 20 to 26 in Buenos Aires, Argentina; and the XI International Congress of Nutrition August 27 to September 1 in Rio de Janeiro, Brazil.

Drs. T. Hymowitz and C. Newell, Agronomy, attended the International Legume Conference, held at the Royal Botanic Gardens, Kew, England, July 23 to August 4. They presented a paper entitled "Taxonomy, Speciation, Domestication, Dissemination, Germplasm Resources, and Variation in the Genus Glycine."

Dr. W. H. Judy, Agronomy, traveled to Puerto Rico, Colombia, Ecuador, and Florida to evaluate soybean varieties in SIEVE, SPOT, and ISVEX trials, and to select varieties for the 1979 trials.

Dr. Ben A. Rasmusen, Animal Science, presented a paper on blood typing of pigs and sheep at the 16th International Conference of Animal Blood Groups, held in Leningrad, U.S.S.R., August 14 to 18. From August 9 to 11 Dr. Rasmusen also attended the Sheep and Pig Blood Group Workshop at the Institute of Animal Genetics in Czechoslovakia, and the 14th International Congress of Genetics August 21 to 30 in Moscow, U.S.S.R., where he presented the paper "Blood Types and the Porcine Stress Syndrome (PSS)."

Dr. Munir Cheryan will attend the 5th International Congress of Food Science and Technology in Kyoto, Japan, September 17 to 22. He will present a paper on a new process for producing purified soy protein concentrates for isolates. Dr. G. A. Kummerow will also attend the conference, and will present a plenary paper on nutrition and heart disease.

GRANTS GIVEN: Drs. C. D'Arcy and R. M. Goodman, Plant Pathology, received a two-year grant through the USDA Competitive Grants Office to study seed transmission of soybean mosaic virus (SMV), a worldwide occurring virus. Dr. Goodman received a second grant through the same office to study bean golden mosaic.



The Office of International Agriculture welcomes the following new foreign graduate students to the College of Agriculture; any omissions are regretted:

#### Agricultural Economics

Tso-Kwei Peng	Taiwan	marketing and agricultural prices
Zohreh Rad	Iran	agricultural finance
Songsak Sriboonchitta	Thailand	natural resource economy
Don Edward Suraweera	Sri Lanka	farm management and production economics
Emmanuel Manday	Tanzania	farm management

#### Agricultural Engineering

Ray-Hsin Chen	Taiwan	soil and water
Suresh Pichai	India	power machinery

#### Agronomy

Godfrey Amoruwa	Nigeria	crop production
Kevin McSweeney	England	strip-mine reclamation
Shauna Somerville	Canada	soybean physiology
Ramon Vincas	Ecuador	soybean breeding

#### Animal Science

Jose A. Cuaron	Mexico	swine nutrition
Rohan Fernando	Sri Lanka	quantitative genetics
W.N.M. Mwenya	Zambia	animal breeding
Mohamad Soeyono	Indonesia	ruminant nutrition
K.A. Adeshina	Nigeria	beef production

#### Dairy Science

Abraham Wubishet	Ethiopia	management
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#### Horticulture

Steve Lin	Taiwan	tomato genetics
Mohamed Daneshvar	Iran	sweet corn genetics
J. Lin	Taiwan	tissue culture

#### Human Resources and Family Studies

Hui-Yung Chang	Taiwan	human development and family ecology
Fen Victoria Lee	Taiwan	foods and nutrition
Shu-Chang Shih	Taiwan	nutritional science

#### Food Science

Esam Ewaidah	Saudi Arabia	processing
Ying Chuan Li	Taiwan	food chemistry
Marcia Liao	Taiwan	dairy manufacturing
Chul-Jai Kim	Korea	
Yung-Sywe Lee	Taiwan	processing
Che-Siu Yang	Taiwan	processing

#### Forestry

Fethi Mecifi	Algeria	wood science
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#### Plant Pathology

Narceo Bajet	Philippines	virology
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VISITORS COMING TO CAMPUS: The names and interests of visitors and groups expected at UIUC during September and October are given below. If you wish to see any of them contact Dr. J. Santas, 58 Mumford Hall, 333-4785.

Dr. U. C. Knopf, Switzerland, September 11, to visit INTSOY

Ivan Geric, Yugoslavia, September 14 and 15, corn genetics

Tokyo Grain Exchange Team, Japan, September 20, sponsored by the American Soybean Association

A group of Argentinians, September 24 and 25, corn production

Sadikin Somaatmaja, Indonesia, September 25 to October 3, soybean production

Dr. R. Gretzmacher, Austria, September 25 to 27, soybean agronomy

Soybean Study Team, Japan, October 5, sponsored by the American Soybean Association

Mr. D. G. Fisher, New Zealand, October 6 to 9, soybeans and corn

Dr. M. A. Abd. El-Rehim, Egypt, October 18, plant pathogens in crops

ANY NEWS?: If you have news to share with the International Agriculture Newsletter, please send it to 113 Mumford Hall by the 15th of each month.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

No. 5 October 1978

W. N. THOMPSON DIRECTOR OF INTERNATIONAL AGRICULTURE. W. N. Thompson was appointed Director of International Agriculture and Associate Dean of the College of Agriculture effective September 21. He will also serve as the University Title XII Officer with a quarter-time appointment as Assistant Vice Chancellor for Research in the UIUC Office of the Vice Chancellor for Research.

BUDDEMEIER RETIREMENT RECOGNITION. More than two hundred people attended the September 8 retirement recognition lecture and reception for Associate Dean and Director W. D. Buddemeier who retired August 31. The lecture by Dr. Mosher, "American Universities and the Developing Countries," will be printed and available from the Office of International Agriculture, 113 Mumford Hall. Send your name and address if you would like a copy. Dr. Buddemeier continues his association with OIA with responsibilities for the Yugoslavia maize project and working with graduate students from Ivory Coast and Brazil.

TITLE XII COMMITTEES FORMED. A title XII Policy Committee has been appointed with the following members: D.K. Bloomfield, G.K. Brinegar, J.B. Claar, R.G. Cragle, R.B. Crawford, R.E. Dierks, M. Grossman, R.W. Howell, E.D. Kellogg, J.C. Liebman, J.N. Sheth, and W.N. Thompson (Chair). A Working Group to take leadership in preparing a University of Illinois Title XII strengthening grant proposal to be submitted to BIFAD and AID has also been formed: M. Grossman, J.A. Jackobs, E.D. Kellogg, T.A. McCowen, A.J. Siedler, W.C. Wagner, V.I. West, R.A. Woodis, and W.N. Thompson (Chair). Ideas are solicited.

SANTAS INTERNATIONAL VISITOR COORDINATOR. John W. Santas, who joined International Agriculture in January 1978 as Training and Communications Specialist, now has responsibility for planning and coordination of international visitors to the College. He is available for assistance as needed--58 Mumford Hall, 333-4785.

FIELD STUDY IN INTERNATIONAL AGRICULTURE. U.S. Garrigus, Animal Science, is visiting Europe to arrange for the summer 1979 student tour program. The combined Eastern and Western European scope of this course is the most extensive of any of the CIC series. Selected locations and activities within varied geoclimatic and political units will provide a broad range of exposure to agriculture and its many associated aspects. This program is oriented to culture as well as agriculture.

AID/MUCIA PROJECT IN NEPAL. Scientists in animal science and rural development are needed to participate in a MUCIA/AID project to strengthen the Institute of Agriculture and Animal Sciences, Rahmpur, Nepal. Contact V.I. West, 3010 Foreign Language Building, 333-1993, for more information.

LIBRARIES IN NEED. J.B. Sinclair, N-519 Turner Hall, is collecting agricultural books and journals for three overseas libraries: University of Vicosa, Brazil; National Soybean Center, Londrina, Brazil; and Menoufeia University, Egypt. Please send donations to Dr. Sinclair.

DEPARTMENT OF VETERINARY MEDICAL SCIENCES. The Office of International Agriculture welcomes the following new foreign graduate students in the Department of Veterinary Medical Science:

Dr. Javad Kangarn-e Farahani	Iran	physiology
Dr. Johannes H. Harleman	The Netherlands	microbiology
Dr. Judy J. Liu	Taiwan	immunology
Dr. Federico J. Montealegre	Costa Rica	microbiology
Dr. Claudio A. Pimental	Brazil	physiology
Dr. Sandra M. Pimental	Brazil	physiology
Miss Pushpavathy Veluvolu	India	parasitology

HAY HONORED. R.C. Hay, Professor Emeritus in Agricultural Engineering, recently received the first Kishida International Award from the American Society of Agricultural Engineers. The award consists of \$1,000 in cash and a metal reproduction of a certificate with the inscription "For outstanding contributions toward food and fiber production, improved living and education of people outside the United States of America." Professor Hay began service overseas in 1954 as department head at the Indian Institute of Technology, Kharagpur, and served as Campus Coordinator of India Programs from 1958 to 1962. In 1962 he returned to India to develop the engineering college at G.B. Pant University of Agriculture and Technology, and again in 1969 to develop an agricultural extension service.

ADVANCED RESEARCH IN INDIA 1979-1980. Applications are due November 1, 1978, for the Indo-American Fellowship Program. The objective of this program is to draw into educational exchange individuals who are not Indian specialists but whose disciplinary or professional skills can be enhanced by the opportunity to carry out research in India. For more information contact the Office of International Agriculture, 113 Mumford Hall.

FULBRIGHT OPPORTUNITIES ABROAD. Applications for Fulbright-Hays awards for university teaching and advanced research abroad are being accepted. The following awards are available in agriculture:

Argentina - plant pathologist, 3/79-7/79; soil scientist, 7/79-12/79  
Ecuador - plant breeder, 7/79-12/79; horticulturalist, 10/79-3/80  
Guyana - agricultural economist, 9/79-5/80  
Kenya - veterinary scientist, 10/79-7/80  
Nigeria - agricultural engineer (two awards), 9/79-6/80; veterinary scientist, 9/79-6/80  
Rumania - ten or more awards for research in any field  
Rwanda - fish propagation specialist, 9/79-6/80  
Sudan - agricultural engineer, 7/79-4/80  
Surinam - rural sociologist, 10/79-3/80  
Venezuela - agricultural economist, 1/79-6/79

For more information contact the Office of International Agriculture, 113 Mumford Hall.

TRAINEE FROM THE PHILIPPINES. Jean Casyao of the International Atomic Energy Center, Manila, arrived in March 1978, for a one-year program in the Department of Plant Pathology. Her schedule includes course work, participation in the INTSOY Soybean Production Short Course, and two weeks at the USDA Plant Disease Research Laboratory in Maryland.

DEAN BENTLEY TO LATIN AMERICA. O.G. Bentley visited a number of national and international research centers in Latin America from September 13 to 23. Included on his stops were the International Potato Center (CIP) and the INTSOY soybean development project in Peru, and the International Center of Tropical Agriculture (CIAT) in Colombia. Vice Chancellor Morton Weir accompanied him on some of the visits.

ICRISAT REVIEW. Jack R. Harlan, Agronomy, is participating in the Consultative Group for International Agricultural Research quinquennial review mission to ICRISAT (International Center for Research in the Semi-Arid Tropics), Hyderabad, India. While in India Dr. Harlan will also be doing field work on sesame. From India he will travel to Ved Aarhus Universitet, Denmark, to attend the Agriculture and Technology Symposium on the origins of agriculture. Dr. Harlan also plans to do herbarium work on sesame at various European locations.

BRYANT TO EUROPE. Marvin P. Bryant, Dairy Science, was in Munich, Germany September 3 to 8 to attend the 12th International Congress for Microbiology. Dr. Bryant and M.J. McInerney, a UIUC graduate student, presented the paper, "Syntrophic Associations of Hydrogen-Utilizing Methanogenic Bacteria and Hydrogen Producing Fatty-Acid Degrading Bacteria." Dr. Bryant presented the paper "Features of Bacteroides ruminicola." He then traveled to Cambridge, England to attend a meeting of Bergey's Manual Trust September 10 to 12. The Trust is preparing the ninth edition of Bergey's Manual of Determinative Bacteriology. He also visited with researchers at the Grassland Research Institute at Hurley, Maidenhead, England, September 14 to 15.

DUE IN CAMEROON. Jean M. Due, Agricultural Economics, was one of a six-person National Academy of Sciences Team that participated in a workshop on Agricultural Research Management in Cameroon in June. While in Cameroon Dr. Due also visited with two former UIUC graduate students, Dr. Francois Kamajou and Doral Watts. Mr. Watts is now with USAID in Cameroon. In August Dr. Due was one of thirty-five women from land-grant institutions who attended a USAID-sponsored workshop on Women in Development held in Washington, D.C.

GARDNER IN SUMATRA. Karl E. Gardner, former Associate Dean and Director of Resident Instruction, and Professor Emeritus of Dairy Science, was in Sumatra from March 24 to July 1 under a MUCIA contract with AID. He consulted with and advised the seven Sumatran colleges of agriculture on curricula and instruction improvement. He spent one month each at Padang University and Medan University, and shorter periods at the other five colleges.

ANIMAL SCIENTISTS AT UIUC. C.M. Hong of the Taiwan Livestock Research Institute, Hsinhua, Tainan, Taiwan; R.R. Davidson, Welwyn Hall Research Associate of Cambridge, England; and Lennart Thyselius of the Swedish Institute of Agricultural Engineering, Uppsala, Sweden, visited in the Department of Animal Science during September. They were all interested in livestock waste management.

YUGOSLAVIAN RESEARCHERS. M. Pencic, J. Dumanovic, D. Ristanovic, and S. Perkovic were in the Champaign-Urbana area to visit public and private corn research facilities September 18 to 22. Relja Savic, N. Vucic, and A. Miladinovic of the Institute of Crop Science, University of Novi Sad, visited UIUC from September 19 to October 1.

COLOMBIAN FARM COOPERATIVE. Twenty-four farmer members of the Cooperativa Agropecuaria de Ginebra, Ltda. in Cali, Colombia, visited UIUC September 23 to 25 to view research on corn and soybean production.

NIETO VISITS UIUC. Dr. Jorge Nieto H., Coordinator of the National Project for Soybeans in the Wet Tropics, Tampico, Mexico, consulted with staff members on all aspects of soybean production from September 18 to 25.

UNILEVER RESEARCH. J.A. Leemans of Unilever Research, Duiven, Holland, visited campus September 18 to 22 to discuss soybean breeding and study variety trial research.

HORTICULTURE VISITORS. D.J. Connor, Victoria, Australia, visited in July to discuss water relations, and Gudmund Balvoll, Norway, extension specialist in vegetable crops, to discuss fresh market growers and processors in northern Illinois.

AUSTRALIAN ANIMAL SCIENTIST TO UIUC. K.P. Croker, Research Officer in the Department of Agriculture of Western Australia, Perth, Australia, will be visiting the Department of Animal Science, October 11 to 14, to discuss sheep research and view UIUC facilities.

VISITORS COMING TO CAMPUS. The names and interests of visitors expected at UIUC during October follow. If you wish to see any of them, contact John W. Santas, 58 Mumford Hall, 333-4785.

Stephan Mennel, Sao Paulo, Brazil, October 1, fortified soy grits  
Ed Quinones, American Soybean Association Regional Director, Madrid, Spain, and  
four Spanish press representatives, October 5, soybean breeding research  
Netra Bahadur Basnyat, Dean of the Institute of Agricultural and Animal Sciences,  
Tribhuvan University, Nepal, October 5 to 8, MUCIA Nepal project  
Maria Grochowska, Poland, October 12 and 13, apple research  
The First Deputy Minister and six specialists from the Ministry of Machine  
Building for Livestock Farming and Fodder Industry, USSR, October 17  
Twenty-two Americans who will staff a U.S. State Department exhibit in Russia,  
October 18 to 27, to learn about U.S. agriculture  
Cesar Catalan, Alvaro Bulacio, and Victor Hemsy, Tucuman, Argentina, October 19,  
advanced crop management techniques for soybeans, and coordination of extension  
work.

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# International Agriculture Newsletter

College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

No. 6 November 1978

EGYPTIAN OILSEED CROPS STUDY. In mid-October INTSOY, with the support of USAID, began a two-month study of oilseed crops in Egypt at the invitation of the Egyptian Government. The objectives are to analyze the oilseed crops situation and to recommend ways to increase production, marketing, and processing of oilseed crops and to update production methods. Team members are: Russell T. Odell, team leader and agronomist; Joseph A. Jackobs, soybean breeder; Ronald J. Henning, oilseeds agronomist; William H. Judy, soybean agronomist; Daniel I. Padberg, marketing economist; Earl R. Swanson, production economist; and Scott E. Cramer, oilseeds processing specialist.

ORIENTATION FOR FIELD STUDY IN INTERNATIONAL AGRICULTURE. Students interested in participating in the summer 1979 Field Study in International Agriculture in Eastern and Western Europe should enroll in Animal Science-Dairy Science 350 for the spring semester. This course provides general background for and specific projects related to the areas included in the Field Study program. For more information, faculty advisers and students should contact the Office of Resident Instruction, 104 Mumford Hall.

AID/MUCIA PROJECT IN SYRIA. The USDA, in collaboration with Texas A & M University, Iowa State University, and MUCIA, will perform an agricultural sector assessment for USAID in Syria. As part of this assessment, a ten-person MUCIA team will do a Human Resource Inventory and Study of the Condition of Life in Rural Areas. Dr. James Williams, rural sociologist, will represent UIUC. Others may be involved as the project develops. For more information, contact V. I. West, 3010 Foreign Language Building, 333-1993.

AAASA WORKSHOPS. The next series of scientific meetings of the Association for the Advancement of Agricultural Sciences in Africa will deal with appropriate technologies for the development of agriculture in Africa. Over a period of three years starting in 1979, there will be workshops on prospects of agro-allied industry and products, appropriate mechanization of small farms, and utilization of agricultural waste products in Africa. More information can be obtained from AAASA, P. O. Box 30087, Addis Ababa, Ethiopia.

WSRC II. A copy of the tentative program for World Soybean Research Conference II, to be held in Raleigh, North Carolina, March 26 to 29, 1979, can be obtained from the INTSOY Office, 113 Mumford Hall. The University of Illinois and INTSOY are among the sponsors of WSRC II.

COTS MEETING. The Council on Thai Studies will meet November 10 to 11, 1978, in the Illini Union. Among the papers to be presented will be "Economic Evaluation of Cropping Systems in Low-Land Areas of Northern Thailand" by Earl D. Kellogg, Agricultural Economics. For more information on the meetings contact Dr. Kellogg at 310 Mumford Hall, 333-1253.

FOOD LEGUME CONFERENCE. FAO is sponsoring an Expert Consultation on Food Legume Production for the Caribbean, Central America, and Panama in the Dominican Republic, February 18 to 23, 1979. A copy of the announcement can be obtained from the Office of International Agriculture, 113 Mumford Hall.

IBPGR MEETING. The Sorghum and Millet Subcommittee of the International Board for Plant Genetic Resources will meet at UIUC, December 8 to 10, 1978, and will be chaired by Jack R. Harlan, Agronomy.

WCARRD AGENDA. FAO is sponsoring the World Conference on Agrarian Reform and Rural Development, to be held in Rome, Italy, July 12 to 21, 1979. A copy of the provisional agenda is available from the Office of International Agriculture, 113 Mumford Hall.

AGRARIAN REFORM WORKSHOP. Folke Dovring, Agricultural Economics, participated in a workshop on agrarian reform, jointly sponsored by USAID and the University of Wisconsin's Land Tenure Center in October. Workshop participants prepared briefing papers for the U.S. delegation to the FAO World Conference on Agrarian Reform and Rural Development.

DENITRIFICATION RESEARCH. Professor George Kruh, Israel Institute of Technology, Haifa, Israel, visited Dr. L. T. Kurtz, Agronomy, October 23 to 24 to discuss a cooperative project on denitrification in soil. The project, financed by the United States-Israel Bi-National Science Foundation, resulted from a sabbatical Dr. Kurtz spent in Israel in 1975.

CATERPILLAR COMPANY CONFERENCE. William N. Thompson, International Agriculture, and Roger R. Yoerger, Agricultural Engineering, recently participated in an international conference on managing land resources through proper machine application. The conference was sponsored by Caterpillar Tractor Company, and was held in Rome, Georgia, October 31 to November 4.

UIUC GRADUATE TO USSR. Richard Vogen is one of twenty-two Americans chosen to staff a U.S. State Department exhibit in the Soviet Union from November, 1978 to May, 1979. Mr. Vogen spent three months in the USSR in 1977 as part of the 4-H Young Agricultural Specialists Exchange. In January, 1978, Mr. Vogen received an M.S. degree in Animal Science from UIUC.

SOVIET SCIENTISTS AT UIUC. Two Soviet entomologists, Dr. Sergy V. Vasilyev of the All Union Institute of Plant Protection and Dr. Andrey Lobanov of the Laboratory for Plant Quarantine visited UIUC October 19 and 20. They discussed forecasting and modeling in biological control with members of the departments of Agricultural Entomology, Agronomy, and Computer Science.



EMBRATER VISITORS. Seven Brazilians representing EMBRATER (Technical Assistance and Rural Extension Agency of Brazil) were here October 17 to 19 to investigate UIUC's soybean extension programs and activities.

MISO TOUR. Ten representatives of the Japanese miso industry were at UIUC October 18 to discuss soybean varieties best suited to miso production with Henry H. Hadley, Agronomy, and procedures and operations in miso production with L. S. Wei, Food Science.

GHANAIAN TRAINEE. Osei Safo-Kantanka from Ghana will spend part of the fall semester at UIUC as a nondegree trainee under Henry H. Hadley, Agronomy. Mr. Safo-Kantanka is a Ph.D. candidate at MacDonald College, McGill University, Canada.

AGRICULTURAL ENGINEERING VISITORS. Hosny Riad of the Tractor Testing Station, Alexandria, Egypt, spent October 16 at the Department of Agricultural Engineering as part of an AID-sponsored two-month assignment in the United States. Heshmat Ghaemi-Bidgoli, Ministry of Agriculture, Iran, also visited the department on October 16 as part of a three-month trip to the United States to study machinery management practices. Four other visitors were here to investigate livestock waste management and the utilization of by-products for food and fuels: Siew Teck-Woh, Director, Primary Production Department, Ministry of National Development, Singapore, October 4; S. W. Ling, United Nations FAO, October 12; and Hyun Uk Kim and Jin Yong Park, National University, Seoul, Korea, October 20.

ANIMAL NUTRITION STUDY TOUR. Under the sponsorship of the American Soybean Association, thirty-one British feed technologists interested in dairy automation were at UIUC, October 4. Mr. G. Coudert, the ASA Regional Director in Brussels, accompanied the group.

UIUC GRADUATE WITH UNICEF. Terrel Hill, who received his Ph.D. in Animal Science from UIUC in 1973, is now Program Officer in nutrition for UNICEF in Jakarta, Indonesia.

ARGENTINIAN AGRONOMISTS. Hector Hermida and Herman Podesta were in Champaign-Urbana October 11 to meet with Robert G. Hoeft, Agronomy, and to visit the farm of Stanley Wood before continuing on to Iowa.

TOBACCO RINGSPOT VIRUS EPIDEMIC. Drs. Robert M. Goodman, Plant Pathology, and Michael E. Irwin, Agricultural Entomology, were invited to the Instituto Nacional de Investigaciones Agricolas-CIAGON, Tampico, Mexico, in October to investigate a virus problem in soybeans. They found approximately 9,000 acres infested with bud blight, a disease caused by tobacco ringspot virus (TRSV). Dr. Goodman confirmed the viral agent upon his return to Urbana. Next, the cause of spread must be determined. TRSV has a wide host range and several insect vectors, but the principal vector has not been identified. Caliothrips phaseoli, commonly encountered in the infested soybean fields, is the prime suspect as the transmittal agent.

EL SALVADOR PROJECT. Dr. Michael E. Irwin, Agricultural Entomology, was in El Salvador October 18 to 21 to review progress of the CENTA-INTSOY cooperative project on rate of change in species composition and diversity of arthropod fauna in soybeans in El Salvador. Dr. Irwin brought back samples for processing and determination through the International Reference Collection of Soybean Related Arthropods.

VISITORS COMING TO CAMPUS. Visitors expected at UIUC during November follow:

Dr. S. V. S. Shastry, Director of Research, International Institute of Tropical Agriculture, Nigeria, November 10, discussions with INTSOY personnel

Stelian Demescu, Rumania, November 13 to 22, soybean breeding

If you wish to see either of them, contact John W. Santas, 58 Mumford Hall, 333-4785.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

No. 7 December 1978

DR. GUSTAFSSON NAMED TO HEAD CLINICS. Dr. Borje K. Gustafsson, a native of Sweden, is the new head of Veterinary Clinical Medicine in the UIUC College of Veterinary Medicine. From 1971 to 1978 Dr. Gustafsson was Professor and Director of the Theriogenology Division in Large Animal Clinical Sciences at the University of Minnesota's College of Veterinary Medicine. Before that he was Head of Clinics at the Royal Veterinary College in Stockholm, Sweden. Dr. Gustafsson's research interests are in areas of animal reproduction.

APPLICATION DEADLINE FOR CIC FIELD STUDY. February 15, 1979, is the deadline for advanced enrollment in the Field Study in International Agriculture in Western and Eastern Europe and Russia. Application leaflets are available from 104 and 332 Mumford Hall. Participants are scheduled to leave O'Hare Airport, Chicago, June 14, 1979, for a five- to six-week tour to Iceland, Great Britain, the Netherlands, Belgium, Germany, Switzerland, Italy, Austria, Poland, the Soviet Union, Finland, and Sweden. For more information contact Dean Campbell or Scott Litherland, 104 Mumford Hall, 333-3380, or Dr. Upson Garrigus, 332 Mumford Hall, 333-0125.

HOGS TO CHINA. Dr. Dale R. Nelson, Veterinary Clinical Medicine, and Mr. Doug Weller, UIUC alumnus currently farming in Dewitt County, escorted 620 purebred Duroc and Hampshire hogs to Shanghai, China, in November. The sale was arranged through Agr World Exports, Bloomington, Illinois. Hogs were chosen from Illinois, Missouri, Indiana, and Wisconsin. It is felt that the sale was a result of the Illinois Trade Mission trip to China in March 1978. A Yorkshire boar was presented to the Chinese at that time. Dr. Nelson and Mr. Weller remained in Shanghai for eleven days to check on the health of the hogs after the trip.

MUCIA/NEPAL PROJECT. MUCIA has been asked to submit an expression of interest in a resource conservation and utilization project in the mountain areas of Nepal. The purpose of the project is to reduce soil and water waste and erosion in the mountains. People needed for two- to three-month assignments are: project manager, rural sociologist, watershed management specialist, range management specialist, energy specialist, technical education/training advisor, extension specialist, and environmental information management systems analyst. For more information contact V. I. West, 3010 Foreign Language Building, 333-1993.

MUCIA/BOLIVIA PROPOSAL. MUCIA is preparing a proposal on appropriate technology in rural areas in Bolivia. Anyone interested in participating should contact V. I. West, 3010 Foreign Language Building, 333-1993.

BOOKS TO BRAZIL. Dr. J. B. Sinclair, Plant Pathology, arranged for duplicate books and journals to be sent to the library in the Department of Plant Pathology, Federal University of Vicosa, Brazil, and the library jointly serving Fundacao Instituto Agronomico do Parana (IAPAR) and Centro Nacional de Pesquisa de Soja (CNPSoja) in Londrina, Brazil. The UIUC Department of Plant Pathology has agreements with these organizations for cooperative efforts in research, teaching, and outreach activities.

WOMEN IN DEVELOPMENT. Dr. Sonya Salamon, Anthropologist, Human Resources and Family Studies, attended a workshop sponsored by the Women in Development Office/AID in Washington, D. C., November 17 and 18. The program examined the research and policy needs of women in development, and ways to strengthen the network of interested researchers.

UIUC GRADUATE TO IITA. Hendrick Knipscheer, Ph.D. candidate in the Department of Agricultural Economics, will join the staff of the International Institute of Tropical Agriculture (IITA), Ibadan, Nigeria, in January 1979, as an agricultural economist. Mr. Knipscheer, originally from the Netherlands, worked in west Africa for several years before coming to UIUC for graduate studies.

YOUNG FARMERS SEMINAR. Drs. Earl Kellogg and S. C. Schmidt, Agricultural Economics, have been invited by the Illinois Agricultural Association to conduct a four-hour seminar on the world food situation and international trade. It will be part of a leadership development program for young farmers to be held in March 1979, at Bloomington.

PLANT BREEDER CHOSEN. Dr. Quyen H. Nguyen has been appointed Assistant Professor, Department of Agronomy, UIUC. Dr. Nguyen will be located at the University of Puerto Rico, Mayaguez Campus, and will be responsible for the INTSOY breeding program. He succeeds E. Hamer Paschal II.

BRITISH TRAINEE. Timothy Wall, England, is spending six months in the Department of Agricultural Engineering as a nondegree research assistant. Sponsored by the International Association for the Exchange of Students for Technical Experience, Mr. Wall is a physics major at Loughborough University of Science and Technology. He is interested in recovering energy and nutrients from livestock waste.

HUNGARIAN SCIENTISTS AT UIUC. Drs. L. Vajna, Director, Research Institute for Plant Protection, Budapest, and Balint Szaloczy, Head, Department of Scientific Research and Professional Education, Ministry of Agriculture and Food, Budapest, met November 15 and 16 with Dr. R. W. Rinne, USDA/Department of Agronomy and other USDA and UIUC staff, to discuss the possibilities of a cooperative program on corn and soybean production.

NEW FACULTY, COLLEGE OF VETERINARY MEDICINE. Dr. Gebre-Mariam Mesfin, a native of Ethiopia, has joined the staff of the Diagnostic Laboratory as Assistant Professor of Veterinary Pathology and Hygiene. Dr. Michael C. Theodorakis from Greece was appointed Assistant Professor of Veterinary Anatomy, Physiology, and Pharmacology, and a member of the college's Nuclear Medicine Division.

AGRONOMY POSTDOCTORATE. Dr. Christopher R. Somerville, who holds a Ph.D. from the University of Alberta, Department of Genetics, has a one-year postdoctoral position in UIUC's Department of Agronomy working with Dr. W. L. Ogren on photosynthesis in soybeans. Dr. Somerville's grant comes from the National Research Council of Canada.

TEACHING ASSOCIATES, COLLEGE OF VETERINARY MEDICINE. Dr. Wendy M. Duckett, British Columbia, Canada, is equine intern; Dr. Gwen C. McFadzen, Alberta, Canada, is a food animal intern in the College of Veterinary Medicine.

INDONESIAN RESEARCHER. Mrs. Hari Soemarto, Extension Training Supervisor, Indonesia, visited UIUC November 10 to 17 as part of a USDA-sponsored course on educational methodology. She discussed extension staff development through in-service education and other professional improvement activities with members of the Cooperative Extension Service and several departments.

AGRONOMY FELLOWS. Dr. Jai B. Chowdhury, Professor and Head of the Department of Genetics, Haryana Agricultural University, Hissar, India, is at UIUC on a one-year fellowship from the Council of International Exchange for Scholars. He is working with Dr. J. M. Widholm, Department of Agronomy, on in vitro techniques of mutagenesis at the cellular level. Also working with Dr. Widholm on mutagenesis is Dr. Luis Roig, Associate Professor of Agricultural Microbiology, Polytechnic University, Valencia, Spain. Dr. Roig has a fellowship from the Scientific and Technological Cooperative Program between the United States and Spain.

AGRONOMY STUDENT IN SOUTH AMERICA. Sue A. Thompson, a graduate student in the Departments of Botany and Agronomy, will be in South America from October 1978, to March 1979, to collect and study plants of the genus Xanthosoma. She is conducting a biosystematic study of this tropically-occurring starchy tuber and is especially interested in the cultivated varieties of the genus. Ethnobotanical aspects of the plant are being investigated because Xanthosoma has potential food uses. She will collect specimens in Colombia, Ecuador, Peru, Venezuela, Brazil and Bolivia.

DAIRY SCIENCE POSTDOCTORATE. Dr. Roderick I. Mackie, Veterinary Research Institute, Onderstepoort, Transvaal, South Africa, has a one-year postdoctoral position with Dr. Marvin Bryant, Dairy Science. Dr. Mackie is working on thermophilic methane fermentation.

TRIP TO ISRAEL. Dr. Marcos Kogan, Agricultural Entomology, met in October with Dr. Dan Gerling, Department of Entomology, University of Tel Aviv, Israel, to discuss the possibility of Dr. Gerling's spending his sabbatical at UIUC working on soybean insect pest management. Dr. Kogan also discussed programs in entomology with Dr. David Rosen, Head, Department of Entomology, Hebrew University, Rehovoth, Israel.

AGRICULTURAL ENGINEERING VISITOR. Jose Albuquerque, Portugal, visited with members of the Department of Agricultural Engineering November 13 to 16 as part of a USAID-sponsored trip. Mr. Albuquerque was interested in educational programs in agricultural engineering and agricultural mechanization.

MIDDLE EAST AGRICULTURAL TRADE OPPORTUNITIES CONFERENCE. Dr. W. N. Thompson, International Agriculture, and Dr. Stephen C. Schmidt, Department of Agricultural Economics, attended a conference in St. Louis on December 4 and 5 on agricultural trade opportunities in the Middle East. The conference was sponsored by the American Soybean Association on the occasion of the opening of new headquarters.

FOOD SCIENCE VISITORS. Mr. Nomura, Showa Industry Co., Japan, and Mr. Shibata, Nissho-Iwai American Corporation, visited Dr. L. S. Wei and colleagues, Food Science, November 10. Both men were interested in soybean oil crushing and its various by-products. In September fourteen Taiwanese interested in oil crushing visited the Department of Food Science. The group was sponsored by the American Soybean Association.

PAKISTANI STUDENT. Dr. Mushtaq Memon, a native of Pakistan, is studying at UIUC under Dr. Borje Gustafsson, Head of the Department of Veterinary Clinical Medicine. From their studies, Memon and Gustafsson have contributed to the book "Animal Models for Human Contraceptives."

PUERTO RICO GUESTS. Dr. George E. Pringle, Head, Department of Agricultural Economics, University of Puerto Rico and Mr. Jaime Zapata were on campus December 4 to 7, for discussions with Department of Agricultural Economics staff on the economics of soybean production and comparative cost of importing processed soybeans versus processing soybeans in Puerto Rico.

VISITORS COMING TO CAMPUS. The following visitors are expected at UIUC:

Cheng Pi-liu and Liu Chin-hsu of the China Academy of Agricultural and Forestry Sciences, People's Republic of China, to consult with staff in the Departments of Animal Science, Dairy Science, and Food Science, December 22.

If you wish to see them, contact John W. Santas, 58 Mumford Hall.

ANY NEWS? If you have items to share with the International Agriculture Newsletter, please send them to Bonnie Irwin, 113 Mumford Hall, by the 20th of each month.

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# International Agriculture Newsletter

College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

No. 8 January 1979

INTERNATIONAL AGRICULTURE SEMINARS. The Office of International Agriculture is organizing a series of weekly seminars for the 1979 spring semester. The objective is to bring together staff and students from all disciplines to discuss a wide range of international development topics, with emphasis on those research, education, and technical assistance activities in which UIUC staff and students are involved. Each seminar will be jointly sponsored by OIA and UIUC departments or administrative units. The first seminar will be scheduled during the week of February 5. Watch for a later announcement on time, place and topic. If you have suggestions on individuals or topics that might be included, contact John W. Santas, 113 Mumford Hall, 333-4785.

CIC FIELD STUDY REMINDER. February 15 is the deadline for advanced enrollment in the Field Study in International Agriculture in Western and Eastern Europe and Russia. Interested students should be so advised. Application leaflets are available from 104 and 332 Mumford Hall. For more information contact Dean Campbell or Scott Litherland, 104 Mumford Hall, 333-3380, or Dr. Upson Garrigus, 332 Mumford Hall, 333-0125.

MUCIA/USAID PROJECTS. USAID has asked MUCIA for two "Requests for Technical Proposals." One is for adaptive crop research and extension work in Njala, Sierra Leone. Needed are a research and extension administrator and an extension agronomist, both for five years, and an agricultural economist for four years. There will also be a substantial need for short-term consultants. The second request is for Egerton College, Kenya. Egerton College is a diploma-level agricultural institution seeking to expand its enrollment. Agronomists, engineers, and entomologists are needed for two- to five-year tours, and for shorter term assignments. For more information contact V. I. West, 3010 Foreign Language Building, 333-1993.

PROGRAM PLANNING VISIT TO PERU. William N. Thompson, INTSOY Director, was in Peru during December and January to review the INTSOY/Peru soybean project. He also visited Ecuador at the request of the USAID Mission to Ecuador to discuss cooperative linkages between INTSOY and INIAP (Instituto Nacional de Investigaciones Agropecuarias), with whom INTSOY has a collegial association.

NAS PANEL. Dr. Ted Hymowitz, as a member of National Academy of Sciences ad hoc panel on New Crops for Arid and Semi-Arid Zones, was in Egypt January 16 to 20. The panel met with counterparts in the Egyptian Academy of Scientific Research and Technology to review programs and potentials for new crops in Egypt.

FAO CONFERENCE ON FOOD LEGUME PRODUCTION. William H. Judy, Agronomy, and Michael A. Ellis, Program Director of the Puerto Rico/INTSOY 211(d) grant, will attend the FAO-sponsored Expert Consultation on Food Legume Production for the Caribbean, Central America, and Panama February 18 to 23 in Santo Domingo, Dominican Republic. Dr. Judy will present a paper titled "Soybean Potential as a Food Legume in Central America and the Caribbean."

CARBON RESEARCH. Sandra Brown, a postdoctoral research associate in the Department of Forestry, is working under a two-year grant from the U.S. Department of Energy to determine the role of the tropics in the global carbon budget. Dr. Brown will travel to San Jose, Costa Rica, in January to discuss cooperative work with researchers at the Tropical Science Center.

CADMIUM CONFERENCE. Dr. T. D. Hinesly, Agronomy, will present a paper titled "Uptake of Cadmium by Crop Plants Grown on Sewage Sludge-Amended Soil" at the Second International Cadmium Conference, Cannes, France, February 6 to 8. UIUC studies have shown that enhanced levels of cadmium in plant tissues can cause increased levels in the liver and kidneys of animals. Although UIUC research has shown no adverse health effects in pheasants, rats, swine, or poultry fed grain grown on soils contaminated with sludge-borne cadmium, many environmentalists are concerned about practices that add heavy metals to soils.

VISITING PROFESSOR FROM BRAZIL. Dr. Ruth Garrute, UNICAMP, Campinas, Brazil, will spend six months in the Department of Food Science as Visiting Associate Professor. Dr. Garrute will teach FS 202, Sensory Evaluation of Food, during the spring semester, and will conduct research on organoleptic properties of soybean products.

SORGHUM DESCRIPTORS. The Sorghum and Millet Subcommittee of the International Board for Plant Genetic Resources and representative of USDA GRIP (Genetic Resources Information Program) met at UIUC December 8 to 10 to determine an international list of descriptors for sorghum. The list will be similar to one used by the USDA.

PUERTO RICAN SOYBEAN DEVELOPMENT. Dr. Earl D. Kellogg, Agricultural Economics, and Dr. William N. Thompson, INTSOY Director, will be in Puerto Rico February 5 to 9 to meet with legislative and university personnel to design a research project on soybean production and processing in Puerto Rico.

NifTAL WORKSHOP. Drs. William H. Judy and R. Stewart Smith, Agronomy, attended the Nitrogen Fixation by Tropical Agricultural Legumes Network Planning Workshop January 15 to 19 in Paia, Hawaii. The workshop was convened to develop a network of institutions to evaluate strains of Rhizobia for effectively inoculating tropical legumes and forages. Response to different means of inoculation will also be tested.

EXTENSION PRESENTATION. Dr. Earl D. Kellogg, Agricultural Economics, will present a seminar on the world food situation to the Illinois Homemakers Extension Program March 21 to 22. Six hundred fifty women are expected to attend this annual program at UIUC.

PELZ TO GERMANY. Dr. Dieter R. Pelz, biometrician in the Department of Forestry, has accepted an appointment to the Forestry Faculty, Freiburg University, Germany.



HOPWOOD SEMINAR. Professor D. A. Hopwood, John Innes Institute, England, presented a seminar titled "Genetics of Antibiotic Production on Streptomycetes" in the Department of Plant Pathology December 11.

VETERINARIANS FROM EUROPE. Two veterinarians from Europe are currently visiting UIUC's Veterinary Medicine Teaching Hospital. Dr. Samuel Paul, Zurich, Switzerland, is a small-animal clinician interested in several areas of medicine and surgery. He will be here one year. Dr. Martin Wierup is a clinical microbiologist from the College of Veterinary Medicine, Uppsala, Sweden. He will be here for two months doing research in Dr. A. R. Smith's laboratory, and will study the intestinal flora of the horse in the Esquine and Ambulatory Sections.

AUSTRALIAN VISITOR. Rosemary Nicholls, Course Coordinator, General Studies Department, Council of Adult Education, Melbourne, Australia, met with UIUC staff in Extension Education and the Cooperative Extension Service January 15 and 16. Ms. Nicholls is interested in outreach programs at the community level for disadvantaged groups.

PULVER AT UIUC. Mr. Ed Pulver, soil microbiologist at the International Institute of Tropical Agriculture, Ibadan, Nigeria, met with representatives in Agronomy, Plant Pathology, INTSOY, and the USDA December 19.

PLANT PATHOLOGY POSTDOCTORATES. Dr. Ann Barnett, who holds a Ph.D from the University of Birmingham, England, has a one-year postdoctoral position with Dr. R. M. Goodman, Plant Pathology, to work on virus replication. Dr. Barnett is sponsored by a USDA grant. Dr. K. V. Nagaraja, Mysore, India, has a one-year research associate position with Dr. P. Shaw, Plant Pathology, to work on the mechanism of action of antimicrobial compounds from marine organisms. Dr. Nagaraja is sponsored by an NIH grant.

ENTOMOLOGISTS LEAVE. Two entomologists working with Dr. Marcos Kogan, Agricultural Entomology, have returned to their respective institutions. Dr. Jose Parra, Escola Superior de Agricultura Luis de Queiros, University of Sao Paulo, Piracicaba, Brazil, worked at UIUC for one year on measurement of food intake and utilization by the soybean looper. Dr. Parra was sponsored by the Brazilian Ministry of Education in conjunction with PEAS (Program for Advanced Agricultural Education). Mr. Sang Chan Han, Institute of Agricultural Sciences, Office of Rural Development, Suweon, Korea, spent three months in a traineeship in entomology and nematology and also worked with Dr. Dale I. Edwards, Plant Pathology. Mr. Han was sponsored by the Crop Improvement Research Center, Korea.

POLISH AGRICULTURALISTS. A group of seventeen young agriculturalists from Poland were at UIUC January 14 to 17 for a three-day seminar given by staff from the College of Agriculture. The seminar dealt with the philosophy of the land grant university and with on-going UIUC activities in research, extension, and teaching. These agriculturalists have spent the last ten months on swine and dairy farms in Illinois, Wisconsin, Iowa, and Ohio. They will remain on these farms another two months before returning to Poland. This program is coordinated by the National 4-H Council.

FOOD SCIENCE RESEARCHER. Dr. Toshio Mitsunaga, Kyoto Women's University, Japan, will spend one year in the Department of Food Science beginning March 1. Dr. Mitsunaga, who is sponsored by his university, will work on lipid transport and atherosclerosis.

AGRICULTURAL ENGINEERING VISITORS. Mr. Josef Ougbrecht, Institute of Tropical and Subtropical Agriculture, Agriculture University, Prague, Czechoslovakia, discussed machinery operation with faculty in the Department of Agricultural Engineering January 8 to 12. Mr. Javad Maghsood, University of Teheran at Karaj, Iran, discussed solar energy work in UIUC's College of Agriculture with members of the Department of Agricultural Engineering January 5. David Warburton, Massey University, Palmerston North, New Zealand, spent the week of December 4 in Agricultural Engineering. Dr. Warburton, a Fulbright-Hays Research Associate at UIUC from August 1977 to August 1978, worked on livestock waste management projects. Bill Robinson, a farm buildings advisor from the North of Scotland College of Agriculture, Aberdeen, visited UIUC January 8 to 10. He toured the Midwest to ascertain trends in livestock housing and waste management.

ANY NEWS? If you have items to share with the International Agriculture Newsletter, please send them to Bonnie Irwin, 113 Mumford Hall, by the 20th of each month.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

1615 1979  
No. 9 February 1979

INTERNATIONAL AGRICULTURE SEMINAR SERIES. Dean O. G. Bentley, who presented the inaugural lecture in this series on February 6, spoke on "An Update on BIFAD's Progress and Future Directions." The following lectures are scheduled for Tuesdays, 4 p.m., 426 Mumford Hall:

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|-------------|---|
| February 13 | U. S. Garrigus, Committee on Inter-Institutional Cooperation (CIC): "Field Studies in International Agriculture," coordinated through the Office of Resident Instruction. |
| February 20 | E. D. Rodda, Agricultural Engineering: "Consultancy Report on Farm Mechanization in Egypt."   |
| February 27 | Miodrag Ristic, Veterinary Pathology and Hygiene: "Research on Tick-Borne Blood Diseases of Cattle in Mexico, Colombia and Peru."   |
| March 6     | J. R. Romans, Animal Science: "Meat Production and Processing in Developing Countries with Reference to Brazil, Ivory Coast, and Benin."                                  |
| March 13    | J. A. Jackobs and W. H. Judy, Agronomy, and D. I. Padberg and E. R. Swanson, Agricultural Economics: "Egyptian Oilseed Crops Study Team Report."                          |
| March 20    | Spring Break  |
| March 27    | G. K. Brinegar, H. N. Henson, V. I. West, and J. B. Casagrande, OIPS: "International Programs and Studies Are Not What You Think."  |
| April 10    | Selected conference participants will report on: "World Soybean Research Conference II."  |
| April 17    | R. M. Goodman, Plant Pathology, and M. E. Irwin, Agricultural Entomology: "Perspectives on Plant Viruses and Their Vectors in Tropical Agriculture."                      |
| April 24    | K. E. Gardner, Former Associate Dean and Director of Resident Instruction, College of Agriculture: "Educational Change in Indonesian Agricultural Colleges."              |

IRRIGATED SOYBEAN CONFERENCE. INTSOY is the lead organization in planning a Conference on Irrigated Soybean Production in Arid and Semi-Arid Regions, to be held September 1 to 6, Cairo, Egypt. The objectives are to review the latest research results on production of soybeans under furrow and flood irrigation and to identify problems and propose needed research. Most of the delegates will be from North African, Middle Eastern, and Mediterranean countries. The conference, which will be in English, is sponsored by the Egyptian Ministry of Agriculture, Menoufeya University, Egypt, and INTSOY in collaboration with FAO/Rome, and USAID, Egypt. For more information contact W. H. Judy, AW108 Turner Hall, 333-0158.

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INTERNATIONAL DEVELOPMENT INTERN PROGRAM (AID). This two-year program, which leads to career positions in developing countries, is open to U.S. citizens with degrees in agriculture, agricultural economics, civil engineering, education administration, finance, business administration, rural sociology, nutrition or public health. Inquiries for the summer 1980 class must be received by March 16, 1979. Resumes should be sent to Intern Recruitment, Office of Personnel and Training, Agency for International Development, Washington, D. C. 20523.

MUCIA/AID PROJECT. Nine positions are now open in the MUCIA/AID Indonesia Higher Agricultural Education Project. This project has been in existence for eight years and many UIUC personnel have participated. Specialists in animal science, plant science, fisheries, forestry, agricultural engineering and technology, research administration and management, environmental sociology and economics, teacher education, and teaching methodology are needed for three-month assignments. For more information contact V. I. West, 3010 Foreign Language Building, 333-1993.

EXPORT GRAIN SAMPLING. Michael Venker, Agricultural Economics, will leave in February for a six-month grain sampling project in London. Comparisons will be made on the delivered quality of various grains from foreign vessels offloading in port.

DENITRIFICATION PROJECT. L. T. Kurtz, Agronomy, will be in Israel February 27 to March 22 in conjunction with a cooperative project with the Israel Institute of Technology on denitrification in soils. He will present a seminar on losses of nitrogen from soils and will discuss plans for research. The project is sponsored by the United States-Israel Bi-National Science Foundation.

IVORY COAST STUDENTS. The latest group of twelve Ivorian students, sponsored by the Ivory Coast Ministry of Agriculture and programmed under the auspices of the University of Illinois Training Project, have completed language training at UIUC's Intensive English Institute. They have been placed for M. S. degree work in vegetable production, extension education, poultry breeding, agronomy, data processing, rural sociology, cooperative management, agricultural finance, entomology, and international marketing at UIUC, Tuskegee Institute, Southern Illinois University, University of Wisconsin, and Pennsylvania State University.

ASIA MONTH SEMINAR. Kasum Nair, University of Missouri, will speak on "The Human Factor in Agricultural Development in India" February 23, 8 p.m., General Lounge, Illini Union.

FELLOWSHIP PROGRAM IN BRAZIL. The Banco do Nordeste do Brasil is sponsoring a fellowship program for dissertation research dealing with the development of northeast Brazil in fields such as economics, agriculture, biology, natural resources, ecology, sociology, and anthropology. The program is open to students worldwide. For additional information contact the Banco do Nordeste do Brasil, S. A., Secretaria Exec. do FUNDECI, Caixa Postal 628, 60000 Fortaleza, Ceara, Brazil.

SINCLAIR OVERSEAS. J. B. Sinclair, Plant Pathology, left on January 2 for a one-month trip to India, Greece, and Egypt. Dr. Sinclair met with researchers in soybean diseases in the three countries. In Egypt he gave invitational talks and in India attended the Indian Science Congress.

ROMANS TO AFRICA. J. R. Romans, Animal Science, was in Ivory Coast and Benin from November 20 to December 6 to evaluate AID/ENTENTE-financed slaughterhouses and market stalls. Dr. Romans was one of a team of four sponsored by the University of Michigan's Center for Research on Economic Development.

SYRIA PROJECT. R. P. Bentz, Cooperative Extension Service, will leave February 26 for seven weeks in Syria. He will study the extension system as part of the five-year MUCIA/AID agricultural sector assessment project for the government of Syria. James Williams, rural sociologist in Agricultural Economics, left in January for a two-month tour as part of the same project.

CURTIS IN IRELAND. S. E. Curtis, Animal Science, will be in Dublin and Cork, Ireland, from March 15 to 29. He will visit pig farms and research facilities and will present a paper entitled "Studies of Pig Ecology" at the winter meeting of the Irish Pig Health Society. The Society is sponsoring the trip.

MILLER PROFESSOR IN ANIMAL SCIENCES. Dr. M. W. A. Verstegen, Faculty of Animal Husbandry, Agricultural University, Wageningen, The Netherlands, has been awarded a George A. Miller Visiting Professorship in the Department of Animal Science. Dr. Verstegen will be at UIUC from January through August and will participate in research and teaching programs related to environmental physiology.

ANIMAL SCIENCE POSTDOCTORATES. Dr. Elzbieta Kaleta, Krakow, Poland, has a one-year grant from the Ford Foundation to work with Dr. P. J. Dziuk, Animal Science. She is interested in reproductive physiology, especially in ways of estimating or measuring fertility in rabbits and pigs. Also working in reproductive physiology on a Ford Foundation grant is Dr. Boon-Peng Chew from Malaysia. Dr. Chew is working with Dr. D. J. Kesler.

DZIUK IN GERMANY. P. J. Dziuk, Animal Science, will attend a conference on Physiology and Control of Parturition in Domestic Animals, Mariensee, Germany, February 25 to 28. He will present a paper on parturition in the pig.

NEW STAFF, COLLEGE OF VETERINARY MEDICINE. Dr. R. Lennart Backstrom, Pig Health Scheme, Inc., Skaraborg, Sweden, has a six-month appointment beginning January 1 as visiting professor of veterinary clinical medicine. Dr. Everett H. Heath joined the faculty in the Department of Veterinary Biosciences last fall after spending four years involved in veterinary anatomy at the University of Ibadan, Nigeria. Dr. Christopher J. Hillidge, Royal Veterinary College, University of London, is assistant professor of veterinary clinical medicine. Dr. Murli Manohar, India, is visiting assistant professor, Veterinary Biosciences, beginning January 1.

HANSON IN JAMAICA. Dr. Lyle Hanson, Veterinary Pathology and Hygiene, will be in Kingston, Jamaica, February 11 to March 3 at the request of the Pan American Health Organization. He will assist the Jamaican Department of Agriculture and the University of the West Indies Medical School in epidemiological and diagnostic activities related to leptospirosis. Leptospirosis, a bacterial disease, can cause abortions in food animals and kidney infections in humans. It is basically a rural disease spread through contaminated water and is hard to diagnose.

FORESTRY RESEARCH ASSISTANT. Soon-Hwa Sun, Forest Genetics Research Institute, Suweon, Korea, will work with Dr. Jeff Dawson on forest biology.

PUCKETT TO RUSSIA AND ENGLAND. H. B. Puckett, USDA and Agricultural Engineering, left on February 7 for a seven-week trip to Russia and England. He will participate as an Agricultural Mechanization Specialist in the U. S. International Communications Agency exhibit "Agriculture USA" while it is shown in Moscow February 13 to March 17. Dr. Puckett will then travel to England to consult on a computer modeling system for work-time study in production systems. This system will be exhibited at the International Congress of Agricultural Engineering, East Lansing, Michigan, in July. He will also view automated milking parlors developed by the U. K. National Development Board.

1979 INTSOY SHORT COURSES. Candidates are being accepted in two annual courses sponsored by INTSOY. Technical and Economic Aspects of Soybean Production, May 14 to August 17, uses a problem-solving approach to familiarize participants with problems related to soybean production. Soybean Processing for Food Uses begins June 18 and runs for six weeks. This course is for researchers and students in food science, nutrition, and home economics. Additional information is available from John W. Santas, 113 Mumford Hall, 333-3638.

AGRICULTURAL DEVELOPMENT CENTER. Thessalonika Agricultural and Industrial Institute (The American Farm School) is offering an eight-week summer program for college students or graduates from the United States, Europe, and Africa. The program is for students interested in international development, agricultural and extension education, rural sociology, and agricultural economics. The 1979 program begins June 17, and college credit may be arranged. Fees are \$500 plus international travel. Interested students should contact Dr. Harry E. Peirce, Director, Agricultural Development Center, The American Farm School, P. O. Box 140, Thessalonika, Greece.

VISITORS COMING TO CAMPUS. A delegation from the Rural Development Corporation of Zambia, Ltd., is expected to consult at UIUC with INTSOY staff on the introduction of large-scale soybean production in Zambia the last week of February. If you wish to see them, contact John W. Santas, 113 Mumford Hall, 333-3638.

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The International Agriculture Newsletter is published monthly by the Office of International Agriculture, University of Illinois at Urbana-Champaign, 61801; Bonnie Irwin, editor. Contributions are welcomed.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

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G15 1979

March 1979 No. 10

SPANISH LANGUAGE TRAINING. The Department of Spanish, Italian, and Portuguese, the Office of International Agriculture, and the Office of International Programs and Studies are sponsoring an intensive Spanish course equivalent to Spanish 101. The class will meet all day for 15 days beginning May 21 and will be limited to 15 people. Interested faculty, staff, and graduate students in the Colleges of Agriculture and Veterinary Medicine should apply immediately to 113 Mumford Hall.

INDONESIA MUCIA PROJECT DIRECTORSHIP. The position of Director for MUCIA's Higher Agricultural Education Project and Higher Education Development Project in Indonesia is now open. The two-year position begins June 1. Experience in university administration, instruction, research, and public service is required. For more information contact V. I. West, 3010 Foreign Language Building, 333-1993.

MUCIA/AID CARIBBEAN PROJECT. UIUC is expecting AID to request an Expression of Interest in a Caribbean regional project for improved agricultural extension work. This project will be implemented through the University of the West Indies and Title XII institutions. Contact V. I. West, 3010 Foreign Language Building, 333-1993 for more information.

SRI LANKA PROJECT. The INTSOY Sri Lanka soybean project completed Phase I in December. The project has been extended to June, 1979. Phase II will begin on July 1, 1979.

ICRISAT INTERNSHIPS. The International Crops Research Institute for the Semi-Arid Tropics, Hyderabad, India, is accepting applications for their one-year postdoctoral positions. Crop physiologists interested in sorghum, millet, pigeon pea, chick pea, or groundnut research should apply immediately to: Director, ICRISAT, 1-11-256 Begumpet, Hyderabad 500016, Andra Pradesh, India.

WOMEN AND WORK IN AFRICA. The African Studies Program is organizing a symposium on Women and Work in Africa April 29 to May 1. The College of Agriculture is one of several sponsors. All sessions will be held in the Illini Union, UIUC, and the public is welcome. For more information contact Dr. Edna Bay, 1208 W. California, #101, Urbana, 333-6335.

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MALARIA AND BABESIOSIS CONFERENCE. UIUC, Ohio State University, and the Instituto Nacional de Investigaciones Pecuarias are jointly organizing the International Conference on Malaria and Babesiosis to be held April 30 to May 3 in Mexico City. UIUC campus representative is Dr. Miodrag Ristic, Veterinary Pathology and Hygiene. Although malaria is basically a human disease and babesiosis an animal disease, research efforts are similar. Sponsored by the Rockefeller Foundation and AID/Washington, this interdisciplinary conference is a chance for scientists worldwide to share their knowledge.

MINERAL RESEARCH SYMPOSIUM. Drs. J. W. Stucki and W. L. Banwart, Agronomy, will be in Belgium for two weeks during April to organize a symposium on Advanced Chemical Methods for Soil and Clay Minerals Research. The symposium, which will be held at UIUC July 22 to August 3, is sponsored by NATO's Advanced Study Institute, Scientific Affairs Division. Most NATO countries will send participants. NAS's Geochemistry Division is providing a supplementary grant to assist non-NATO participants. The lectures are to be published as a book in NATO's ASI series.

USDA GRANT. Drs. R. H. Hageman and R. W. Lambert, Agronomy, received a three-year grant through the USDA Competitive Grants Office to study altered enzymes in maize. Dr. Joseph Sherrard, who received his Ph.D. from the University of Australia, will join the project April 1 to do postdoctoral research for two years.

HUNGARIAN CORN RESEARCHERS. Drs. Narton Hercegh and Istvan Manninger, corn breeders at the Hungarian Academy of Sciences, and Ferenc Salamon, a hybrid corn producer, met with UIUC's corn breeding staff January 22 to 24. They also visited several commercial hybrid producers, and conferred with corn breeding researchers at Iowa State University.

HUNGARIAN AGRICULTURAL ENGINEER. Dr. Laszlo Lehoczky, Director, Farm Machinery Institute, University of Agricultural Sciences, Godollo, Hungary, visited UIUC February 9. Sponsored by International Harvester Co., Chicago, he reviewed teaching and research projects in farm mechanization in the Department of Agricultural Engineering.

IRWIN TO PERU. Dr. M. E. Irwin, Agricultural Entomology, left February 26 for three weeks in Peru. As part of the INTSOY Peru project, he will establish a base-line soybean insect pest management program in the high selva and will initiate a soybean insect pest monitoring system in growers' fields. He will also provide current chemical control recommendations for soybean insect pests that have surpassed economic thresholds and will acquaint soybean growers with the concepts and practices of pest management through supervised control procedures.

BRAZIL VISIT. Linda and Jim Beaver, graduate students in agronomy, spent two weeks in Brazil during January. They visited the National Rice and Bean Research Center in Goiana, The National Soybean Research Center in Londrina, and the National Wheat Research Center at Passo Fundo.



VAN ES TO SPAIN. Dr. J. C. Van Es, rural sociologist in Agricultural Economics, will present a paper entitled "The Dilemmas of Environmental Quality Policies in U.S. Agriculture" at the 10th Congress of the European Society for Rural Sociology. The meetings will be held in Cordoba April 4 to 10. While in Spain, Dr. Van Es will visit the Section of Soil Conservation in the Ministry of Agriculture.

ZAMBIAN RESEARCHERS. H. D. Ngwane, Managing Director, and R. P. Popopo, Economist, The Rural Development Corporation of Zambia, visited UIUC on February 26 to discuss collaboration on soybean research and educational work with INTSOY staff. W. N. Thompson, INTSOY Director, met with them and AID/Washington personnel on February 27 in Washington, D.C.

COST SHARING ON SHORT COURSES. Departments in the College of Agriculture have been partially reimbursed for costs of conducting four 1978 short courses: Soybean Processing for Food Uses, Technical and Economic Aspects of Soybean Production, Soil Fertility, and Seed Improvement. Costs reimbursed to the departments were: Agronomy \$11,624, Agricultural Communications \$5,192, Food Science \$4,615, Agricultural Entomology \$2,423, Plant Pathology \$2,250, Agricultural Economics \$1,327, Agricultural Engineering \$1,269, and Animal Science \$145.

INTERNATIONAL AGRICULTURE SEMINAR SERIES CONTINUES. The following lectures are scheduled for Tuesdays, 4:00 p.m., 426 Mumford Hall:

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|----------|---|
| March 13 | J. A. Jackobs and W. H. Judy, Agronomy, and D. I. Padberg and E. R. Swanson, Agricultural Economics: "Egyptian Oilseed Crops Study Team Report."                |
| March 20 | Spring Break  |
| March 27 | G. K. Brinegar, H. N. Henson, V. I. West, and J. B. Casagrande, OIPS: "International Programs and Studies Are Not What You Think."                              |
| April 10 | Selected conference participants will report on: "World Soybean Research Conference II."  |
| April 17 | R. M. Goodman, Plant Pathology, and M. E. Irwin, Agricultural Entomology: "Perspectives on Plant Viruses and Their Vectors in Tropical Agriculture."            |
| April 24 | K. E. Gardner, Associate Dean and Director of Resident Instruction, Emeritus, College of Agriculture: "Educational Change in Indonesian Agricultural Colleges." |
| May 1    | B. E. Swanson, International Agricultural Education: "Schools of Agriculture in the West Indies."   |
| May 8    | To be announced in the April International Agriculture Newsletter.  |

VISITORS COMING TO CAMPUS.

Abu Kassim b. Abu Bakar, grain legume production research coordinator, Malaysian Agricultural Research and Development Institute, will be at UIUC March 20 to 23 to meet with INTSOY personnel.

Drs. Lutfor Rahman and M. Z. Hoque, soybean researchers from Bangladesh, will visit UIUC March 19 to 20.

If you wish to meet with the visitors listed above, contact John W. Santas, 113 Mumford Hall, 333-3638.

Drs. A. V. Pyhalsky and N. K. Korsakov, Vaskhnil, USSR, will visit soybean researchers at UIUC and the USDA March 19 to 21. They will be accompanied by Robert C. Leffel, USDA/SEA/AR. Dr. W. R. Rinne, S312 Turner Hall, 333-1117, is arranging their schedule.

E. U. Emovon, Vice Chancellor, University of Jos, Nigeria, is expected at UIUC during March to confer on UIUC affiliation. V. I. West, 3010 Foreign Language Building, 333-1993, is arranging his schedule.

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The International Agriculture Newsletter is published monthly by the Office of International Agriculture, University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items.

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University of Illinois at Urbana-Champaign  
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# International Agriculture Newsletter

College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign



MAY 18 1979

UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

April 1979 No. 11

WSRC II. The World Soybean Research Conference II was held in Raleigh, North Carolina, March 26 to 29. INTSOY was one of several sponsors. 600 scientists from nearly 40 countries and 40 U.S. states attended. The University of Illinois was well represented with: 32 delegates from 6 departments.

MOSHER LECTURE AVAILABLE. "American Universities and the Developing Countries," a lecture given by Dr. A. Mosher at the retirement recognition program for Dr. W. D. Buddemeier, is now available. For a copy send your name and address to the Office of International Agriculture, 113 Mumford Hall.

PARTNERS OF AMERICA. The Illinois-Sao Paulo Partners of America will meet May 15 at 2:00 p.m. in 422 Mumford Hall. For more information contact Dr. A. J. Siedler, 567 Bevier Hall, 333-0130.

SOIL FERTILITY SHORT COURSE. Alanah Fitch, graduate student in Agronomy, has been designated Technical Leader of the USAID/USDA soil fertility short course. The course is conducted by UIUC in cooperation with the University of Arizona and the University of California at Riverside. Beginning June 4, the two-month course takes participants to Arizona, California, Illinois, Arkansas, and Alabama, and includes attendance at the American Society of Agronomy meetings in Fort Collins, Colorado.

BRAZIL MEMORANDUM OF UNDERSTANDING. UIUC and the Federal University of Santa Maria, Brazil, have signed a Memorandum of Understanding. Three areas have been agreed upon: faculty from the Federal University of Santa Maria in Agricultural Economics and Rural Sociology can come to UIUC for Ph.D. work; UIUC graduate students can go to Santa Maria for dissertation research; and UIUC faculty can go to Santa Maria for research and training. For more information contact Dr. Earl Kellogg, 310 Mumford Hall, 333-1253.

MUCIA JAMAICA PROJECT. MUCIA has submitted a technical proposal for a baseline study of the agricultural research, education, and extension systems in Jamaica. Implementation date has not been set. For more information contact V. I. West, 3010 Foreign Language Building, 333-1993.

INTERNATIONAL SOYBEAN FOOD FAIR. Dr. M. P. Steinberg, Food Science, and Dr. T. Hymowitz, Agronomy, were invited to Washington, D.C., on March 9 by Representative Paul Findley to participate in an International Soybean Food Fair. This year the Fair, which is supported by private industry, was attended by 800 people, including nearly half of the U.S. Senate, a third of the House of Representatives, and personnel from 80 embassies. Dr. Steinberg displayed samples of dry soy powders used for weaning foods, low technology soybean foods, and dairy analogs. Dr. Hymowitz described his work in plant breeding for chemical composition of the soybean. Dr. W. H. Judy, Agronomy, and Dr. W. N. Thompson, INTSOY, also attended the Fair.

BENTLEY, JACKOBS, THOMPSON TO SOUTH ASIA. Dean O. G. Bentley, Dr. J. A. Jackobs, and Associate Dean W. N. Thompson will visit India from April 17 to 23 to discuss collaborative research and education with representatives of the Indian Council of Agricultural Research, Haryana Agricultural University and USAID. Dr. Jackobs and Dr. Thompson will be in Bangladesh from April 24 to 28 to discuss cooperative research and educational work under INTSOY with representatives of the Bangladesh Agricultural Research Council, Bangladesh Agricultural University, USAID, and the International Agricultural Development Service. Dr. Jackobs will go to Sri Lanka April 29 to help plan Phase II of the Sri Lanka Soybean Development Project, which is supported by the Government of Sri Lanka, UNDP, FAO, UNICEF, and CARE.

DEAN BENTLEY ATTENDS CONFERENCES IN BEIRUT AND PARIS. After his visit to India, Dean Bentley will participate in a conference on the Role of Agricultural Education in the Development of the Middle East at the American University of Beirut, Lebanon, from April 24 to 28. He will present a paper entitled "Models of Institutions for Human Resources Development in Agriculture--The U.S. Model." He will also attend meetings of the Consultative Group on International Agricultural Research (CGIAR) to be held at the World Bank Office in Paris, France, on May 3 and 4.

UIUC GRADUATE TO CHINA. Dr. Ron Thompson, a 1974 graduate in weed science from the UIUC Department of Agronomy, recently participated in a seminar on herbicide use held in the People's Republic of China. Dr. Thompson is currently Project Development Manager for Monsanto.

HITTLE TO INDIA. Dr. Carl Hittle, Agronomy and INTSOY Project Leader in Sri Lanka, was in India March 25 to April 8 to arrange training of Sri Lankans in India under UNDP/FAO contracts. Dr. Hittle visited the Indian Agricultural Research Institute, G. B. Pant University of Agriculture and Technology, and J. Nehru Agricultural University. He traveled with three members of the Sri Lankan government: the Director of Agriculture, the Deputy Director of Research, and the Deputy Director of Horticulture and Soybean Program Coordinator.

RISTIC IN MEXICO. Dr. Miodrag Ristic, Veterinary Pathology and Hygiene, traveled to Mexico City in March to review progress of a project on control of blood diseases of cattle. The project, jointly organized by the Rockefeller Foundation and the Mexican Ministry of Agriculture, began five years ago and will continue four more years.

SOYBEAN TRAINING COURSE. Dr. John Santas, INTSOY, will travel to Colombia and Peru April 15 to 22 to discuss a soybean production short course, tentatively scheduled for November, 1979. The course will be conducted in Colombia in cooperation with the Instituto Colombiana Agropecuaria (ICA) and the Centro Internacional de Agricultura Tropical (CIAT). Offered to production agents from Peru's Ministry of Agriculture and Foods, the course will last about three weeks.

HARLAN OVERSEAS. Dr. J. R. Harlan, Agronomy, will give the keynote address at the International Symposium on Genetic Resources of Forage Plants in Townsville, Australia, on May 7. While in Australia, he will attend a workshop cosponsored by the International Board of Plant Genetic Resources (IBPGR) and the CSIRO, and spend one week at the University of Western Australia, Perth. He will then spend several days at the International Rice Research Institute in the Philippines. During June, Dr. Harlan will work on Early Bronze plant materials excavated by archeologists near Amman, Jordan.

VANDERHOLM IN NEW ZEALAND. Dr. D. H. Vanderholm, Agricultural Engineering, will present a paper entitled "Legislative and Management Practices for Control of Agricultural Non-Point Sources of Pollution" at the International Conference on Agricultural Industry and Its Effects on Water Quality in Hamilton, New Zealand, from May 12 to 27. While in New Zealand, Dr. Vanderholm will visit several universities as well as the Ministry of Soil and Water. The trip is sponsored by the Illinois Institute of Natural Resources.

HILL IN BRAZIL. Dr. Lowell Hill, Agricultural Economics, was in Rio de Janeiro and Belo-Horizonte, Brazil, during the week of April 1. Dr. Hill investigated the competitive position of Brazil in the world grain market.

#### VISITORS RECENTLY ON CAMPUS.

Dr. Owen Carter, Hawkesbury Agricultural College, Australia, met with researchers in Food Science and Agronomy on March 13 to 15. He presented a seminar on soybean production in Australia.

T. Ajibola Taylor, Director, Institute for Agricultural Research and Training, University of Ife, Nigeria, met with INTSOY staff on March 30.

Dr. M. D. Tedia, Madhya Pradesh Department of Agriculture, Bhopal, India, spent April 2 and 3 on campus, discussing various aspects of soybean production.

Sabry ElSayed Abd. Allah, Ahmed Abu ElFadl, and Mostafa Farag visited with College of Agriculture faculty on April 3. They and 25 other Egyptians are participating in a three-month agricultural management training program at Southern Illinois University. They are sponsored by USAID.

Dr. André Berville, INRA, Université de Paris Sud, France, spent the week of March with Dr. D. E. Koeppe, Agronomy. In the laboratory they compared techniques for isolating toxins produced by southern corn leaf blight and assessed the effects of purified toxins on corn mitochondria. They also examined procedures for isolating mitochondria from corn tissue.

Dr. John Naegele, USDA/SEA project in Pakistan, discussed soybean industrial development in Pakistan with INTSOY on March 19.

Dr. Jack Loneragan, Biological School of Environment and Life Sciences, Murdoch University, Perth, Australia, visited Dr. R. H. Hageman, Agronomy, March 11 to 14. While on campus, he presented a seminar on interactions of zinc and phosphate in plants.

The American Soybean Association in cooperation with the USDA Foreign Agriculture Service arranged for five Italian agricultural extension officers to visit UIUC on April 3 and 4. The group met with Dr. H. B. Petty, Cooperative Extension Service. Dr. Guy Coudert, the ASA European Manager, accompanied the group.

From Sri Lanka: Dr. H. E. Fernando, Central Agricultural Research Institute, Gannoruwa; Wilmot Wijeratne, Soyabean Foods Research Center, Gannoruwa; Dr. G. W. E. Fernando, Dry Zone Station, Maha Illupalama; Dr. C. Stanley Weeraratna, Faculty of Agriculture, University of Sri Lanka, Peradeniya; and Ratnedothi Hoover, Institute of Chemistry of Ceylon, visited UIUC from March 30 to April 7 after attending the WSRC II.

INTERNATIONAL AGRONOMIC SEMINAR SERIES. The following seminars will be held at noon on Tuesdays in N107 Turner Hall:

- May 1 Dr. Sonya Salamon, Human Development and Family Ecology: "Women in Development."
- May 8 Roger Elmore, graduate student, Agronomy: "Multiple Cropping Systems Using Basic Grains."

INTERNATIONAL AGRICULTURE SEMINARS. These lectures are scheduled on Tuesdays at 4:00 p.m. in 426 Mumford Hall:

- May 1 B. E. Swanson, International Agricultural Education: "Schools of Agriculture in the West Indies."
- May 8 Dale R. Nelson, Veterinary Clinical Medicine: "October 1978 Air Lifting of Swine Breeding Stock to the People's Republic of China."

VISITORS COMING TO CAMPUS. The following visitors are expected at UIUC. If you wish to meet with them, contact John W. Santas, 113 Mumford Hall, 333-3638.

R. N. Trikha. Soya Production and Research Association, India, April 20 to 22 to meet with INTSOY personnel.

Dr. Karl Salminen, University of Helsinki, Department of Food Science, Finland, April 16 to 20, to visit INTSOY. Dr. Salminen, who is sponsored by Valio Finnish Cooperative Dairies Association, will spend six months touring the United States.

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The International Agriculture Newsletter is published monthly by the Office of International Agriculture, University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items.

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# International Agriculture Newsletter



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UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

May 1979 No. 12

INTSOY SHORT COURSE. Twelve participants in the Technical and Economic Aspects of Soybean Production course are scheduled to arrive at UIUC May 10. The 14-week course begins May 14. Countries represented are: Botswana, Egypt, Indonesia, Pakistan, Peru, Saudi Arabia, Sri Lanka (two), Syria, Tanzania (two), and Zambia.

SPANISH LANGUAGE TRAINING. Participants have been chosen for the intensive Spanish language training course to be held during intersession. The course is sponsored by the Department of Spanish, Italian and Portuguese, the Office of International Agriculture, and the Office of International Programs and Studies. Participants are: M. S. Andreasen, Agricultural Communications; G. A. Boissonneault, graduate student in Food Science; J. A. Corbin, Animal Science; R. G. Cragle, Agricultural Experiment Station; R. E. Dierks, Veterinary Medicine Administration; G. B. Fletcher, graduate student in Botany; W. French, Academic-professional in education; B. J. Irwin, Economic Entomology and Office of International Agriculture; F. E. Romack, Veterinary Bioscience; K. L. Steffen, senior in Agriculture; W. N. Thompson, INTSOY and Office of International Agriculture; J. S. Vandemark, Horticulture; L. D. Witter, Food Science; and R. A. Woodis, Agricultural Communications.

FIELD STUDY IN INTERNATIONAL AGRICULTURE. Thirty-seven students will depart June 14 for a 6-week tour of Eastern and Western Europe as part of the CIC Field Study in International Agriculture. Twelve students are from UIUC: Jeff Baise, Randy DeSutter, Mike Evans, and Merle Hall, Agricultural Economics; Kathy Bettenhausen, Human Resources and Family Studies; Randy Curry and Steve Litchfield, Animal Science; Jim Howell, Doug Niewold, and Andy Stone, Agricultural Science; and Pat Thaxton, Agricultural Communications. The other students participating are from Ohio State University, Purdue University, University of Wisconsin, Michigan State University, and University of Vermont.

BOOKS TO EGYPT. The Department of Plant Pathology arranged for approximately 125 volumes to be sent to the library of Menoufeia University, Egypt. These volumes were duplicates from the Plant Pathology Reading Room as well as some agronomy journals. If you have books or runs of journals that you no longer use, J. B. Sinclair, N519 Turner Hall, will try to place them in overseas libraries.

SEED PATHOLOGY PROCEEDINGS. "Seed Pathology - Problems and Progress. Proceedings of the First Latin American Seed Pathology Workshop," edited by J. T. Yorinori, J. B. Sinclair, Y. R. Nehta and S. K. Mohan, is now available. Copies of the 274-page proceedings can be obtained for \$3 from the publisher. Write: IAPAR, Caixa Postal 1331, 86.100 Londrina, Parana, Brazil.

CEREAL VIRUS RESEARCH. Dr. Peter Burnett, Department of Scientific and Industrial Research, Crops Research Division, Christchurch, New Zealand, arrived at UIUC on April 25 to begin 11 months in the Department of Plant Pathology. Dr. Burnett will work with Dr. Henryk Jedlinski, Plant Pathology, and Dr. C. M. Brown, Agronomy, on cereal viruses, especially barley yellow dwarf virus.

NITRATE RESEARCH. Dr. G. C. Blackwood, Faculty of Agricultural Sciences, University of Nottingham at Sutton-Bonnington, England, will spend three months with Dr. R. H. Hageman, Agronomy. They will do comparative research on uptake of nitrates by corn genotypes. Dr. Blackwood arrived at UIUC April 29.

IFDC/IRRI WORKSHOP. Dr. B. Jack Butler, Agricultural Engineering, attended an International Fertilizer Development Center workshop in Muscle Shoals, Alabama, on May 8. In cooperation with the International Rice Research Institute, IFDC hopes to design a simple, cheap, and easily made mold to form prilled urea into 1- to 2-gram pellets. Research shows that a pellet, when placed in the mud between four rice plants, more effectively fertilizes rice paddies than the current method of broadcasting.

MARKET RESEARCH. Dr. L. D. Hill, Agricultural Economics, and Dr. Larry Martin, University of Guelph, Canada, and currently UIUC L. J. Norton Visiting Professor of Agricultural Marketing, will be in Western Europe the second and third weeks of May. They will investigate alternative market organizations as part of an EEC and North Central (NC-139) project. As well as attending a joint planning session in France, they will visit universities in England, France, and Belgium. Dr. Hill will also visit a grain quality project in London and Rotterdam.

MICROSCOPY CONFERENCE. Dr. Michael V. Taranto, Food Science, was in Washington, D.C., from April 15 to 20 to attend an international meeting sponsored by Scanning Electron Microscopy, Inc. He presented a paper entitled "Morphological, Ultrastructural and Rheological Characterization of Mozzarella and Cheddar Cheese."

THORNE IN SRI LANKA. M. D. Thorne, Agronomy, is part of a team examining agricultural development in Sri Lanka for the International Agricultural Development Service. Dr. Thorne left April 21 for the one-month assignment.

INTERNATIONAL HORTICULTURE MEETING. R. K. Simons, Horticulture, attended a conference on mineral nutrition and fruit quality of temperate zone fruit trees in Canterbury, England, from April 1 to 7. Dr. Simons presented a paper entitled "Light and Scanning Electron Microscopy of Bitter Pit Initiation and Development in Apples." The meetings were sponsored by the International Society for Horticultural Science.

DUE ATTENDS MEETINGS. Dr. Jean Due, Agricultural Economics, attended a conference on "Rural Africa: Persistent Poverty?" at the University of Minnesota on April 20. She spoke on agricultural sector perspectives for the future of Africa. On April 21 Dr. Due and Dr. Barbara Yates, Education Policy Studies, were UIUC MUCIA representatives at a USAID meeting on women in development, also held at the University of Minnesota. Dr. Due presented an economist's view of women in development.

COUNCIL ON THAI STUDIES. Dr. Earl Kellogg, Agricultural Economics, attended the semiannual meeting of COTS, held at Northern Illinois University from April 20 to 22.



FULBRIGHT OPPORTUNITIES FOR 1980-81. Applications for Fulbright-Hays awards for university teaching and advanced research abroad are due June 1. Agricultural awards available are:

Argentina - agricultural sciences, 3/80-6/80; soil sciences, 7/80-11/80  
Australia - soil science, 1/80-12/80; tropical agriculture 1/80-12/80; range management, 1/80-12/80  
Burma - agriculture, no dates given  
Ecuador - food technology, 7/80-12/80  
Hungary - natural and physical sciences, 2/81-5/81  
Ireland - preventative veterinary medicine, 10/80-6/81; animal science, 10/80-6/81  
Malaysia - agricultural extension, 5/80-1/81  
Netherlands - animal science, four months between 9/80 and 6/81  
Nicaragua - agricultural economics, 7/79-6/80 and 9/79-8/80  
Niger - agriculture, 10/80-6/81  
Nigeria - animal virology, 9/80-6/81; agricultural economics, 9/80-6/81  
Poland - plant physiology, 9/80-6/81  
Sri Lanka - botany, 9/80-7/81  
Sudan - agricultural engineering, 7/80-4/81; agricultural development, 7/80-4/81  
Surinam - agricultural sociology, 10/80-3/81; agricultural engineering, 10/80-3/81  
Turkey - plant physiology, 10/80-6/81  
U.S.S.R. - botany, no dates given  
Venezuela - agricultural economics, 9/79-6/80  
Zambia - agricultural economics, 9/80-6/81; rural sociology, 9/80-6/81; extension, 9/80-6/81

For more information, contact the Office of International Agriculture, 113 Mumford Hall, 333-6422.

#### VISITORS RECENTLY ON CAMPUS

Anoop K. Bhattacharya, Department of Entomology, G. B. Pant University of Agriculture and Technology, Pantnagar, U. P., India, met with Dr. Marcos Kogan and Agricultural Entomology staff from April 13 to 15. They discussed cooperative research in soybean entomology in India. Dr. Bhattacharya was a post-doctoral fellow in UIUC's Department of Entomology from 1968 to 1972.

Ian Rose, Agricultural Research Station, New South Wales Department of Agriculture, met in mid-March with staff in Agricultural Entomology. Mr. Rose is a soybean breeder interested in soybean insect resistance.

Dr. Francis Adeymi Adeniji, Acting Dean Faculty of Agriculture, University of Maiduguri, Nigeria, met with faculty in the College of Agriculture from April 13 to 16. Faculty in agricultural economics and agricultural technology interested in joining the University of Maiduguri for short or long periods are invited to contact Dr. Adeniji or V. I. West, 3010 Foreign Language Building, 333-1993.

Dr. Tony Matsubara, Associate Professor of Veterinary Medicine, Azubu Veterinary University, Kanagawa, Japan, met with researchers in Animal Science on April 9 to discuss blood typing and the porcine stress syndrome (PSS).

Dr. Mohamed Khalifa, Egyptian Agricultural Research Center, recently visited with Dr. R. H. Hageman and Dr. J. W. Dudley, Agronomy. Dr. Khalifa, who is in charge of the maize project at EARC, is on a three-month assignment at CIMMYT, Mexico, and is visiting institutions in the United States and Canada before returning to Egypt.

VISITORS COMING TO CAMPUS. The following visitors are expected at UIUC. If you wish to meet with them, contact John W. Santas, 113 Mumford Hall, 333-3638.

Three Brazilian farmers, sponsored by Caterpillar Tractor Co., May 9 to 11. Lyle Resser, Caterpillar Co., Peoria, will accompany them.

Twenty Danish millers and processors, customers of Continental Grain Co., Chicago, May 17. They will visit Agronomy and the Andersons Grain Elevator, Champaign.

R. H. Hageman, Agronomy, will be host to a visiting Chinese (PRC) delegation from May 19 to 22. Dr. Hageman was in China as part of a ten-member U.S. delegation sponsored by the American Botanical Society in May, 1978. This reciprocal visit, part of a one-month tour of the United States, is supported by the National Science Foundation, the Department of Energy through Michigan State University/DOE Plant Research Laboratory, and the Rockefeller Foundation.

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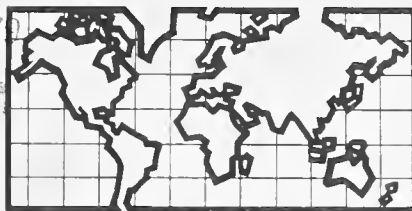
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JUN 13 1979

UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

June 1979 No. 13

ANIMAL DELEGATION TO CHINA. Dr. Roy N. Van Arsdall, Agricultural Economics, is part of a ten-member, interdisciplinary, animal science delegation visiting China from June 11 to July 10. The delegates will examine all aspects of animal agriculture. The tour is sponsored by the Committee on Scholarly Communications with the People's Republic of China (CSCPRC), an organization created by the American Council of Learned Societies, the National Academy of Science, and the Social Science Research Council.

EASTERN CARIBBEAN PROJECT. MUCIA has received a USAID planning grant to improve agricultural extension in the Eastern Caribbean and Belize. B. E. Swanson, Vocational and Technical Education, J. B. Claar, Cooperative Extension Service, B. A. Yates, Comparative Education, and E. D. Kellogg, Agricultural Economics, will travel to the Eastern Caribbean in June to design the five-year project.

SOYBEAN SHORT COURSE. The INTSOY short course Soybean Processing for Food Uses, which is offered in cooperation with the Department of Food Science, begins June 18. Eight participants from Benin, Chile, Ecuador, India, the Philippines, and Sri Lanka have registered for the six-week program.

EASTERN CARIBBEAN WORKSHOP. Approximately 30 people attended a symposium on the Socio-Cultural and Physiographic Setting for Agricultural Development in the Eastern Caribbean and Belize at the Illini Union on May 17. The symposium was organized by B. E. Swanson, Vocational and Technical Education, and was sponsored by OIPS, OIA, the Center for Latin American and Caribbean Studies, and the College of Education.

AFRICA SYMPOSIUM. More than 100 people attended the Women and Work in Africa Symposium held at the Illini Union from April 29 to May 1. Sponsors included USAID, the International Communication Agency (ICA), and UIUC College of Agriculture. Proceedings of the symposium will be published. For more information contact Dr. Jean M. Due, 420 Mumford Hall, 333-0479.

INTSOY RESEARCH REVIEW. INTSOY research supported by USAID will be reviewed by a USAID team on June 18 and 19. The review team will travel to the University of Puerto Rico, Mayaguez Campus, to review research there. Team members are: B. E. Caldwell, North Carolina State University; M. L. Peterson, University of California, Davis; and Carleton Infanger, Boyd Whittle, and John Yohe, AID/Washington.

IRELAND INTERNSHIP. Karen McGlone, undergraduate student in Agricultural Economics, will spend the 1979 fall semester as an intern with the Irish Department of Agriculture, Dublin.

CIBA-GEIGY AWARD. R. G. Hoeft, Agronomy, was awarded the 1979 CIBA-Geigy award in Agronomy for outstanding agronomic service. Part of the award is a trip to Amsterdam and Basel from June 20 to July 13 to tour farms and research facilities and to meet with personnel in the Swiss Department of Agriculture. Dr. Hoeft's extension and research interests have been in soil fertility, plant nutrition, and energy use in agriculture.

VETERINARY MEDICINE TRAINEE. Dr. Lucia M. Duval De Pou, Dominican Republic, recently completed a one-month laboratory training course in diagnostic procedures for infectious bovine rhinotracheitis virus in UIUC College of Veterinary Medicine Diagnostic Laboratory. Dr. Robert Crandell, director of the laboratory, supervised her training, which was supported by a fellowship from the Pan American Health Organization.

INDONESIAN OPPORTUNITY. The Public Administration Service, Washington, D.C., needs M.S. level agronomists in dry-land cropping for a long-term project on provincial rural development in Indonesia. For more information, contact Earl Kellogg, 310 Mumford Hall, 333-1253.

SEED ANALYSTS MEETING. J. B. Sinclair, Plant Pathology, will give a paper on soybean seed pathology at the joint annual meetings of the Association of Official Seed Analysts and the Society of Commercial Seed Analysts on June 20 in Saskatoon, Saskatchewan, Canada.

BRYANT IN BRAZIL. M. P. Bryant, Dairy Science, was in Brazil from June 2 to 13 to advise on research in anaerobic degradation with methane production and in biology of methanogenic bacteria. This work is for Companhia de Tecnologia de Saneamento Ambiental and the Pan American Health Organization.

WIDHOLM SABBATICAL. J. D. Widholm, Agronomy, will spend June through August on sabbatical leave in Basel, Switzerland. He plans to work on plant protoplast and cell culture genetics with Dr. Ingo Potrykus and Dr. Pat King at the Friedrich Miescher-Institut.

CORBIN IN FRANCE. J. E. Corbin, Animal Science, presented a paper entitled "Recent Advances in Canine and Feline Nutrition" at the annual meeting of the French feed manufacturers' association held the week of May 28 in Paris.

GRANT PROGRAM DEADLINES. Forthcoming deadlines are:

Fulbright-Hays Advanced Research Appointments for Africa, Asia, and Europe-July 1  
Fulbright-Hays Lecturing Appointments for Africa, Asia, and Europe-July 1  
Brazilian Scholarships for Foreign Students - September 1  
U.S./Japan Cooperative Science Program: Visiting Scientific Grants - October 1  
African Graduate Fellowship Program - October 1  
German Information Tours by Students and Professors Program - October 1  
Faculty and Student Exchange with Moscow State University Program - October 6

For more information contact the Office of International Agriculture, 113 Mumford Hall, 333-6422.

#### VISITORS RECENTLY ON CAMPUS

Mr. Dale Bottrell met with various UIUC and Illinois Natural History Survey personnel on May 14 and 15 to discuss guidelines for an FAO project on integrated pest management in corn in less developed countries.

Three Spanish researchers from the Ministry of Agriculture, Badajoz, met with staff in Agricultural Economics on June 7. This visit, funded by NSF, was part of a U.S.-Spain exchange in agricultural economics.

Dr. H. L. S. Tandon, European Nitrogen Service Programme, New Delhi, India, and a UIUC graduate in Agronomy, was here in April to present a seminar on soil fertility and fertilizer use research in India.

Professor Gustavo Quesada, Federal University of Santa Maria, Brazil, was here on May 9 and 10 to discuss the academic interchange agreement recently signed by UIUC and the Federal University. He met with Agricultural Economics staff members.

Dr. Consuelo S. Blanco, Marian Marcos State University, and Mr. Ambrosio R. Blanco, Philippine Association of State Universities and Colleges (PASUC), discussed cooperative work in agriculture with various College of Agriculture staff members on May 8.

Thor C. Haaland, a soy processor from Brazil, met with faculty in Animal Science, Agronomy, and INTSOY on May 10 and 11.

Larry Ulsaker, USDA advisor on oilseed crops to the Agricultural Research Council, Pakistan, discussed soybean production and utilization with UIUC staff on May 24 and 25.

#### VISITORS COMING TO CAMPUS

Miroslav Varadin, Veterinary Faculty, University of Sarajevo, Yugoslavia, June 10 to 13, to meet with Dr. Philip J. Dziuk, Animal Science, and Dr. J. R. Lodge, Dairy Science. The trip is sponsored by NAS.

Twenty Argentine farmers interested in corn and soybean production, zero tillage, and irrigation, June 21.

Nine Argentine agriculturalists from C.R.E.A. Guanaco-Las Tosces, interested in corn, soybean, and sorghum agronomy, June 15 to 16.

Jose Antonio Gomez Barona, agronomist with Instituto Nacional De Investigaciones (INIA), Madrid, Spain, the week of June 18. His visit is part of a two- to three-month tour sponsored by a World Bank Agricultural Research Project in Spain.

Ms. Irene Field and Dr. A. Hafiz, FAO/Rome, June 28 to 29, to investigate courses and possible training programs applicable to food crops grown under dry-land conditions for individuals in the Near East Cooperative Program of Saudi Arabia.

VISITORS COMING TO CAMPUS, continued

Mr. N. Mumdundu, National Institute for Agricultural Research (INERA), Zaire, June 18 and 19, as a follow-up of the INTSOY team's Zaire study in November, 1976. He will be escorted by Steve Belcher, U.S. Department of State.

Dr. Sarah Singh, New Delhi, India, June 5 to 22, to discuss agricultural development in India.

If you wish to talk with any of these visitors, contact John W. Santas, 113 Mumford Hall, 333-3638.

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AUG 28 1979

University of Illinois



# International Agriculture Newsletter

College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

July 1979 No. 14

**THOMPSON APPOINTS THOMPSON.** William N. Thompson, Director of International Agriculture and INTSOY, was appointed to the Illinois Agricultural Export Advisory Committee by Governor James R. Thompson.

**SOIL FERTILITY SHORT COURSE.** The ten-week course, Soil Fertility and Ecological Relationships Affecting Food Production, started on June 4 in Washington, D.C. Sponsored by USAID/USDA, the course is conducted by UIUC in cooperation with the University of Arizona and the University of California at Riverside. Technical leader is Alanah Fitch, Department of Agronomy. Participants are from Botswana, Cameroon, Jamaica, Lesotho, Malaysia, Sierra Leone, and Tanzania.

**INTSOY/IADS AGREEMENT.** The International Agricultural Development Service (IADS) and INTSOY have signed a Memorandum of Understanding through the University of Illinois. Under this agreement INTSOY and IADS will work with national institutions to improve research organizations, develop plans and projects, train personnel, and organize conferences and workshops. Established in 1975, IADS is a private, nonprofit organization to aid developing countries that want to strengthen their agricultural research and development programs.

**SEED IMPROVEMENT COURSE.** Twenty-two participants from fourteen countries will be on campus from July 23 to August 3 for the UIUC segment of the USAID/USDA Seed Improvement Course. The departments of Agronomy and Agricultural Communications will each conduct one-week training sessions in this course coordinated by Mississippi State University.

**IRRIGATED SOYBEAN CONFERENCE.** Delegates from Bangladesh, Brazil, Colombia, Ecuador, Egypt, India, Lebanon, Mexico, Pakistan, Sri Lanka, Sudan, and Turkey will attend a Conference on Irrigated Soybean Production in Arid and Semi-Arid Regions being held in Cairo, Egypt, from September 1 to 6. The conference is sponsored by the Egyptian Ministry of Agriculture, Menoufeya University, Egypt, and INTSOY in collaboration with FAO/Rome and USAID. For more information contact W. H. Judy, AW108 Turner Hall, 333-0158.

**TITLE XII RUMINANT PROPOSAL.** As the result of a meeting held June 18 in Chicago, UIUC, Michigan State University, the University of Wisconsin, and the University of Missouri will develop a proposal on large ruminants to present under Title XII. UIUC was represented by Michael Grossman, Dairy Science; Borje Gustafson, Veterinary Clinical Medicine; Lyle Hanson and Miodrag Ristic, Veterinary Pathology and Hygiene. Miodrag Ristic, 225 Veterinary Medicine Annex, 333-2671, was chosen as UIUC coordinator.

MUCIA INDONESIA PROJECT. The three-month animal scientist position in the MUCIA/AID Indonesia Higher Agricultural Education Project is still open. For more information contact V. I. West, 3010 Foreign Language Building, 333-1993.

MUCIA PROJECTS. MUCIA submitted to AID a proposal for watershed management for Panama. This project is to assist the government of Panama in developing a management plan for the watershed of the canal. MUCIA also expects to submit a proposal on a Central American regional small farms development project. Contact the Office of International Agriculture, 113 Mumford Hall, 333-6422, for additional information and a listing of possible staff positions.

SRI LANKA PROJECT STAFF. Dr. M. S. Chan joined the Sri Lanka Soybean Development Project on July 1 as Food Processing Adviser. The project is sponsored through an INTSOY contract with UNDP/FAO. Dr. Chan replaced Dr. James Spata, who was with the project during a two-year leave from Ralston Purina Co., St. Louis.

RISTIC IN AUSTRIA. Dr. Miodrag Ristic, Veterinary Pathology and Hygiene, was in Vienna the week of May 7. He presented a paper entitled "Immunologic Aspects of Bovine Anaplasmosis" at an international conference on arthropod-borne diseases. The conference was sponsored by the International Atomic Energy Commission (IAEC). Dr. Ristic also consulted for IAEC on use of radioactive isotopes in research on arthropod-borne diseases of domestic animals.

HYMOWITZ IN ARGENTINA. Ted Hymowitz, Agronomy, was the guest of the Argentine Ministry of Agriculture and the Argentine Ambassador to the United States at the Sixth National Technical Soybean Meeting, held in Santa Fe, Argentina, from June 5 to 8. Dr. Hymowitz presented a paper on the use of germplasm to improve the nutritional quality of the soybean, and he attended two informal sessions with breeders and geneticists.

LAND-GRANT INSTITUTIONS WORKSHOP. W. N. Thompson, OIA, and V. I. West, Office of International Programs and Studies, attended a workshop entitled "The 1890 Land-Grant Institutions - A Unique Resource for Development," held at Southern University, Baton Rouge, La., on July 9 and 10. The expertise of land-grant institutions from the perspective of development work in LDCs was examined and evaluated. Sponsored by USAID and the Office of the U.S. Coordinator on Science and Technology for Development, the workshop is part of U.S. preparations for the UN Conference on Science and Technology for Development to be held in 1980.

BENTLEY IN LEBANON. O. G. Bentley, Dean of the College of Agriculture, attended a Board of Trustees meeting at the American University of Beirut from June 25 to 27.

UNDP MAIZE PROJECT. Dr. W. D. Buddemeier, OIA, and Dean O. G. Bentley were in Yugoslavia from June 28 to 30 for a final meeting under a contract between UNDP and the University of Illinois. Initiated in early 1975, the contract was entitled "Production, Drying, Storage and Processing of Maize." Thirty-four researchers from Yugoslavia received 117 work-months of training in the United States and nineteen U.S. scientists, mainly UIUC faculty, consulted in Yugoslavia for a total of 28 work-months. Trainee and fellow programs were completed in 1978 and the contract will terminate on August 31, 1979. Dr. Buddemeier and Dean Bentley awarded certificates to the Yugoslavian participants. Dr. Buddemeier also met with Mr. Jaime Renart, UNDP representative in Belgrade.



BEECHER IN NEPAL. John Beecher, Agriculture Librarian, returned in mid-June from a six-week assignment on the MUCIA Nepal project. He assisted the library of the Institute of Agricultural and Animal Science, Tribhuvan University, in areas of organization and operation.

#### VISITORS RECENTLY ON CAMPUS

Ray Richardson, production manager for Sementes JMS Ltda., Dourados, Brazil, visited campus on June 27 and 28. Mr. Richardson received his B.S. from UIUC in 1969. Sementes JMS is a soybean and rice farming and seed company owned by agricultural interests in the Effingham, Illinois area.

Givlan Wosiacki, Director of the Center for Rural Sciences and Technology, University of Londrina, Parana, Brazil, was on campus June 15 to discuss cooperative programs under the Memorandum of Understanding between UIUC and the University of Londrina.

Nancy Talbot, UIUC B.S. in 1977, was on campus during the week of June 25. She has recently completed a two-year Peace Corps assignment in Belize and will spend the coming year in Honduras, also with the Peace Corps. Ms. Talbot worked on feed research and livestock development, mainly with rabbits to develop protein sources from local crops. She plans to pursue an M.S. degree beginning in August 1980.

Dr. Tibor Érsek, Research Institute of Plant Protection, Budapest, Hungary, met with INTSOY and Plant Pathology staff on June 29 to discuss soybean pathology.

O. D. Dhingra, Federal University of Vicosa, Brazil, was on campus from June 23 to July 2. Plans were made for R. F. Cerkauskas, UIUC graduate student in Plant Pathology, to conduct thesis research on soybean diseases at Vicosa in discussions with W. N. Thompson, OIA, and R. E. Ford and J. B. Sinclair, Plant Pathology. Dr. Dhingra also attended the North Central meetings of the American Phytopathological Society, held at UIUC on June 25 and 26.

Thirty-five members of the European Grain and Feed Trade Association were on campus June 18 under the sponsorship of R. W. Judd of the National Soybean Crop Improvement Council. The visit included a tour of Lyle Grace's farm north of Urbana, the agronomy laboratories in Turner Hall, and research plots at the Agronomy farm.

Dr. Surech C. Birla, Chairman of the Department of Agricultural Economics, University of the West Indies, Trinidad, met with UIUC staff in Agricultural Economics during the week of June 27. Dr. Birla, who holds a Ph.D. from UIUC, gave a seminar on agriculture in the West Indies.

Simon Slominsky, Director of Feeds and Chemical (Pty.) Ltd., Johannesburg, South Africa, spent June 19, 28, and 29 with faculty in Animal Science discussing pet foods.

Dr. Marta Acosta, Banco de Credito Rural del Centro-Norte, Oficina de Programas Pecuarios, Mexico, met with staff in Animal Science, Veterinary Pathology, and Agronomy on May 21. Dr. Acosta is interested in swine production extension activities.

VISITORS RECENTLY ON CAMPUS, continued

Dr. John Webb, Agricultural Research Council Animal Breeding Research Organization, Edinburgh, Scotland, met with Dr. B. A. Rasmusen, Animal Science, from May 29 to 31. Dr. Webb is interested in the inheritance of the porcine stress syndrome (PSS). While on campus he presented a seminar on pig breeding research at his institute in Edinburgh.

Dr. Nedžad Mulalić, Department of Food Technology, University of Banja Luka, Yugoslavia, met with faculty in Agronomy and Food Science the week of June 18.

VISITORS COMING TO CAMPUS

Dr. C. L. Luh, Associate Director of the Asian Vegetable Research and Development Center (AVRDC), Taiwan, July 22 to 28.

Dr. Shiv Singh, entomologist at the International Institute of Tropical Agriculture (IITA), Ibadan, Nigeria, currently on sabbatical at Cornell University, the week of July 25.

Reda Shabana, University of Cairo, Egypt, July 16 and 17, interested in oilseed research.

If you wish to talk with any of these visitors, contact John W. Santas, 113 Mumford Hall, 333-3638.

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**Office of International Agriculture  
College of Agriculture  
University of Illinois at Urbana-Champaign  
113 Mumford Hall  
Urbana, Illinois 61801**

# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

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August 1979 No. 15

**MUCIA/INDONESIA DIRECTORSHIP.** K. E. Harshbarger, Head of Dairy Science, has accepted the directorship of MUCIA's Indonesian Higher Agricultural Education Project in Jakarta. Beginning September 1, Dr. Harshbarger will coordinate two MUCIA/USAID projects for the development of Indonesia's national system of higher education. The appointment is for approximately eighteen months.

**MINERAL RESEARCH SYMPOSIUM.** Nearly one hundred people attended the Advanced Chemical Methods for Soil and Clay Minerals Research Symposium, held at UIUC from July 23 to August 4. Organized by J. W. Stucki and W. L. Banwart, Agronomy, the symposium was sponsored by the Scientific Affairs Division of NATO's Advanced Study Institute.

**PLANT PROTECTION SEMINARS.** Nine plant protection scientists from the People's Republic of China will visit UIUC from August 19 to 22. Two seminars are scheduled: Dr. Shen Chi-yi will present "A General View of Plant Protection in the People's Republic of China" on August 20 at 3:30 p.m. in 141 Morrill Hall, and Dr. Chu Hung-fu will discuss "Some Chinese Aphids of Major Economic Importance" on August 21 at 3:30 p.m. in the Illinois Natural History Survey conference room. Dr. Chu is a 1941 UIUC graduate in entomology. For more information contact Dr. R. L. Metcalf, 320 Morrill Hall, 333-3649.

**TITLE XII INTEGRATED CROP PROTECTION MEETING.** W. N. Thompson, Title XII representative, R. E. Ford, Plant Pathology, M. Kogan, Agricultural Entomology, and F. W. Slife, Agronomy, participated in a Title XII meeting on integrated crop protection held August 2 in St. Louis.

**AGRICULTURAL ENGINEERING CONGRESS.** At the Ninth International Congress of Agricultural Engineering held at Michigan State University, East Lansing, from July 8 to 14, A. J. Muehling was elected to the Board of Section II (Farm Buildings) for a five-year term. Other Agricultural Engineering staff attending the congress were B. J. Butler, R. C. Hay, D. R. Hunt, H. B. Puckett, E. D. Rodda, and G. C. Shove. H. B. Puckett, in cooperation with the British Ministry of Agriculture, Fisheries, and Food, exhibited a computer modeling system for work-time study in production systems.

**PLANT PROTECTION CONGRESS.** UIUC researchers attended the Ninth International Congress of Plant Protection in Washington, D.C., August 5 to 11: T. Hymowitz, J. A. Jackobs, E. L. Knake, and F. W. Slife, Agronomy; S. E. Halbert, M. E. Irwin, M. Kogan, W. H. Luckmann, and W. G. Ruesink, Agricultural Entomology; G. R. Bowers, J. Casyao, E. K. Cho, C. J. D'Arcy, R. E. Ford, R. M. Goodman, B. J. Jacobsen, D. Kittle, L. J. Meek, B. E. Nowlin, J. K. Pataky, A. D. Raymundo, A. Raymundo, M. C. Shurtleff, and C. Y. Sohn, Plant Pathology; and S. J. Troester and L. Zavaleta, Section of Economic Entomology, Illinois Natural History Survey.

**CARIBBEAN EXTENSION PROJECT.** J. B. Claar, Cooperative Extension Service, and D. G. McCloud, Acting Executive Director of MUCIA, were in Barbados from July 22 to 25 to consult on the project document to improve agricultural extension in the Eastern Caribbean and Belize.

MCCOWEN TO PERU. T. A. McCowen, INTSOY's Peru Program Coordinator, will be in Lima from August 5 to 18 for program review and planning.

EVANS SABBATICAL. J. F. Evans, Agricultural Communications, will spend six months in Sydney, Australia, as part of his sabbatical leave. Beginning in August, he will spend three months at the University of Sydney and three months with the New South Wales Department of Agriculture.

RASMUSEN IN EUROPE. B. Rasmusen, Animal Science, attended a Bovine Histocompatibility Workshop sponsored by the International Society for Animal Blood Group Research at the Biochemical Genetics Laboratory of the National Institute for Agricultural Research, Jouy-en-Josas, France, on June 21 and 22. He then traveled to Wageningen, the Netherlands, to preside at an executive committee meeting of the International Society for Animal Blood Group Research.

SINCLAIR IN NEPAL AND INDIA. J. B. Sinclair, Plant Pathology, left July 23 for Nepal, where he will be a consultant to IADS (International Agricultural Development Service) on soybean diseases. He will also meet with government officials in New Delhi, India, as an INTSOY representative.

TRIALS WORKSHOP. W. H. Judy, Agronomy, will present a paper on the INTSOY variety trials system at the International Trials Workshop being held at CIMMYT in Mexico from August 13 to 19.

KUMMEROW IN ENGLAND. F. A. Kummerow, Food Science, presented a paper entitled "Hard Facts on Soft Fats" at the Fourth International Symposium on Circulatory Diseases held in London the week of June 18. He also visited laboratories at the Royal College, London.

VANDERHOLM SABBATICAL. D. H. Vanderholm, Agricultural Engineering, will spend eleven months at the New Zealand Agricultural Engineering Institute of Lincoln College starting August 21. He will conduct research on livestock waste treatment and pollution control.

JACKOBS IN KENYA. J. A. Jackobs, INTSOY Agronomy, will be in Nairobi from August 20 to 24 to attend a symposium on Grain Legume Improvement in Eastern Africa sponsored by the University of Nairobi and the Kenya Ministry of Agriculture. He will also visit experiment stations and meet with crop production agronomists.

IRWIN TO CENTRAL AMERICA. M. E. Irwin, Agricultural Entomology, will be in El Salvador from August 25 to 29 to monitor a project on arthropod colonization of soybean fields in tropical America. He will then travel to Costa Rica to participate in a regional short course on integrated pest control organized by the University of California/USAID pest management program. While in Costa Rica he will investigate soybean pests in the Guanacaste region for CARE/Costa Rica.

SIEDLER ABROAD. A. J. Siedler, Food Science, will attend the International Conference on Cereals for Foods and Beverages in Copenhagen, Denmark, from August 13 to 17. Before the conference he will visit the German Meat Research Institute at Kulmbach and the University of Augsburg, Germany. After the conference he will meet with staff at the German Dairy Institute in Kiel.

NIGERIAN OPPORTUNITY. Faculty in Agricultural Economics and Agricultural Engineering interested in joining the University of Maiduguri, Nigeria, for short or long periods are invited to contact V. I. West, 3010 Foreign Language Building, 333-1993.

DAIRY SCIENCE RESEARCHER. Dr. Isaac Akinyele, University of Ibadan, Nigeria, has a two-month research associateship this summer with K. E. Harshbarger, Dairy Science. Dr. Akinyele is a UIUC alumnus.

BIOMETRIC CONFERENCE. D. Gianola, Animal Science, received a travel award from the International Biometrics Society to attend the 10th International Biometric Conference in Sao Paulo, Brazil, from August 6 to 10. Dr. Gianola will present two papers in the biometrical genetics section.

RISTIC IN WASHINGTON. Dr. Miodrag Ristic, Veterinary Pathology and Hygiene, was in Washington, D.C. from July 18 to 20 for discussions with BIFAD and USAID personnel about work on large ruminants and blood diseases of livestock. Dr. Ristic is chairperson of a multi-university consortium on Control of Arthropod Borne Blood Diseases of Food Producing Animals.

#### VISITORS RECENTLY ON CAMPUS

E. L. Voiushin, S. N. Omeltchenko, A. A. Chernishev, N. T. Knyazev, N. Y. Golub, E. C. Konoplev, and N. Zhiltsov comprised the Soviet Farmer Exchange Team that visited Dairy Science, Agricultural Engineering, Agronomy, the Cooperative Extension Service, Animal Science, and Agricultural Economics on July 23. The team was escorted by Roy Will of the Illinois Agricultural Association and Andy Mair, American Farm Bureau Federation. AFBF organized the exchange. UIUC was the only land-grant university the team visited.

John L. Woods, Director of UNDP/Development Training and Communication Planning in Bangkok, Thailand, visited the Office of International Agriculture on July 17 to discuss work in his organization. Dr. Woods was formerly with the UIUC Office of Agricultural Communications.

A team of five Chinese food experts met with Donald G. White, Plant Pathology, on July 9. They visited central Illinois grain and livestock facilities to study the prevalence of disease transmitted through grain.

Dr. J. Philip Watson, Senior Lecturer in Pedology and Soil Science at the University of Rhodesia at Salisbury, spent July 10 to 12 with the Department of Agronomy. He gave two seminars on Rhodesian soils and also lectured on Rhodesian soil fertility problems to the Soil Fertility Short Course.

Dr. K. Mogi, Laboratory of Racing Chemistry, Tokyo, Japan, visited Animal Science on June 15 and discussed blood typing of horses with Ben Rasmusen.

Dr. P. C. Nigam, Chemical Control Research Institute of the Canadian Forest Service in Ottawa, met with Marcos Kogan, Agricultural Entomology, and S. J. Troester, Economic Entomology, on July 3 to discuss modeling the effect of insecticides in various crops.

Soren P. Konggaard, National Institute of Animal Science, Copenhagen, Denmark, visited Dairy Science on July 5 and 6. He is an alumnus of the Department.

Dr. Martin Brundke, Kuratorium für Technik und Bauwesen, Darmstadt, West Germany, visited Agricultural Engineering on July 15.

Dr. R. L. Bell, Director, and Dr. M. Turner, National Institute of Agricultural Engineering, Silsoe, England, discussed automation in the animal industry with researchers in Dairy Science and Agricultural Engineering. Dr. Bell was here July 5 and 6, and Dr. Turner from July 14 to 19.

M. S. Huda, Oriental Bakery and Biscuit Industries, Ltd., Bangladesh, met with W. N. Thompson, International Agriculture, and J. A. Jackobs, Agronomy, on July 16.

Carlos Mardini, Sanidad Vegetal S. A., Cordoba, Argentina, met with W. R. Nave, USDA and Agricultural Engineering, and T. A. McCowen, OIA, on July 12.

Dr. Graham Jones, Kelvin Grove College of Advanced Education, Queensland, Australia, met with staff in the School of Human Resources and Family Studies on June 14 and 15.

Gosta Gustafsson, Swedish Research Institute for Farm Buildings, Lund, viewed Agricultural Engineering work on solar drying of crops on July 16 and 17.

Professor K. T. Andersen and Dr. Henning Krabbe, Department of Farm Buildings in the Danish Building Research Institute, Copenhagen, visited the Farm Structure Division of Agricultural Engineering on July 3.

#### VISITORS COMING TO CAMPUS

Mr. J. B. J. Van Rensburg, Project Leader of the Entomology Division Summer Grain Centre, Department of Agricultural Technical Services, Potchefstroom, South Africa, will meet with Dr. W. H. Luckmann, Agricultural Entomology, and Dr. D. E. Alexander, Agronomy, on August 13 and 14. Mr. Van Rensburg is investigating stem borers.

Forty Argentine agriculturalists, interested in corn production, will meet with staff in Agronomy, Dairy Science, and Agricultural Entomology on August 27 and 28.

Thirty-two participants in the International Fertilizer Development Corporation's Fertilizer Marketing and Distribution Course will visit UIUC on August 22.

Professor Jozef Kuczewski, Institute of Agricultural Engineering of the Warsaw Agricultural University, Poland, on August 27 and 28. He will meet with staff in Agricultural Engineering to review methods and equipment used in model research.

Mr. E. B. Strauss, Head of the Agricultural Department of Senekal Cooperative Agricultural Company Ltd., South Africa, from August 27 to September 4, to meet with staff in Agricultural Economics.

One hundred agriculturalists from Uruguay are expected to visit the Agronomy Farm on August 24. The tour is sponsored by John Deere Intercontinental Ltd., with Robert Williamson as escort.

Dr. K. G. Gollakota, AP Agricultural University, Hyderabad, India, will spend four weeks in Dairy Science beginning in early August.

If you wish to meet with any of these visitors contact John W. Santas, 113 Mumford Hall, 333-3638.

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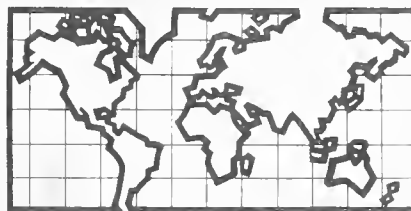
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# International Agriculture Newsletter

College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

September 1979 No. 16

**AGRICULTURAL AWARD.** M. C. Shurtleff, Plant Pathology, was one of seventeen scientists who received the Adventures in Agricultural Science Award of Distinction at the Ninth International Congress of Plant Protection, held in Washington, D.C., in August.

**ROCKEFELLER GRANT.** Researchers in UIUC's College of Veterinary Medicine received a research grant of \$300,000 from the Rockefeller Foundation to continue bovine anaplasmosis and babesiosis studies. Both diseases occur worldwide and cause severe economic losses to the cattle industry. Dr. Miodrag Ristic, professor of veterinary pathology and hygiene, directs the project.

**TRADE STUDY.** S. C. Schmidt and D. M. Conley, Agricultural Economics, will interview traders, government officials, and university researchers in Poland, the German Democratic Republic, Czechoslovakia, and Hungary from August 29 to September 24 as part of a study on the potential for grain and oilseed trade with selected eastern European countries. The objective of the study, which is sponsored by USDA Cooperative Marketing and Purchasing Division, is to identify potential markets and marketing strategies for U.S. farm cooperatives.

**LEPTOSPIROSIS WORKSHOP.** Lyle E. Hanson, Veterinary Medicine, returned to Jamaica in August for the second time this year as a consultant on leptospirosis for the Pan American Health Organization. Leptospirosis, a bacterial disease with a wide range of host animals including rodents, is spread through contaminated water, and affects humans and many wild and domestic animals. Recent floods in the western end of the island have forced rodents from fields into populated areas, creating a public health emergency. Dr. Hanson conducted workshops on disease detection techniques and assisted Ministry of Agriculture personnel with field sampling.

**LIVESTOCK JUDGE.** D. F. Parrett, UIUC livestock evaluations teams coach, is the invited international judge for the Adelaide and Perth livestock shows in Australia this September.

**WING BEAN RESEARCH.** N. S. Hettiarachchy, Department of Biochemistry, Faculty of Medicine, Peradeniya University, Sri Lanka, will spend six weeks at UIUC beginning August 25. She and Dr. J. W. Erdman, Food Science, will study nutritional aspects of the wing bean, especially trypsin inhibitors and bioavailability of iron. Dr. Hettiarachchy is sponsored by WHO.

**FRANCE SABBATICAL.** J. L. Robinson, Dairy Science, returned in August from a one year sabbatical in France where he worked on perinatal development of gluconeogenesis in the pig with Dr. A. Rerat of the Institut National de Recherche Agronomique (INRA) at Jouy-en-Josas and with Dr. Jean Peret at the Centre de Recherche sur la Nutrition at Meudon.

**YUGOSLAV RESEARCHER.** Mirko Draganic of the Maize Research Institute, Zemun, Yugoslavia, is spending a year working with A. L. Hooker, Plant Pathology.

## SEMINAR

Dr. Klaus K. Froberg, International Institute for Applied Systems Analysis (IIASA) and Institute for Agricultural Economics, University of Göttingen, Austria, will present a seminar entitled An Agricultural Sector Model of the European Community on September 14 at 10:15 a.m. in 426 Mumford Hall. The seminar is sponsored by Agricultural Economics and the Office of International Agriculture.

CHERYAN IN FINLAND. M. Cheryan, Food Science, attended two conferences in Helsinki during the week of August 27. At the Second International Congress of Engineering and Food he gave two papers: Optimization of Flux in Laminar Flow Ultrafiltration, coauthored with D. J. Nicholson; and Heat Transfer to a Liquid Food System in a Scraped Surface Heat Exchanger, coauthored with R. Cuevas. Both coauthors are UIUC Food Science graduate students. Dr. Cheryan also attended the 27th International Union of Pure and Applied Chemistry.

EASTER IN MEXICO. R. A. Easter, Animal Science, presented three lectures on sow nutrition and management to the faculty of the Escuela Nacional de Estudios Profesionales Cuantitlan in Mexico City in July.

BAHR IN CANADA. Janice M. Bahr, Animal Science, presented papers at the Society for the Study of Reproduction, Quebec, and the Laurentian Hormone Conference in Mont Tremblant, Ontario, in August.

PERKINS IN SWEDEN. E. G. Perkins, Food Science, delivered an invitational lecture on the physiological effects of Maillard reaction products at the International Symposium on Maillard Reactions in Foods: Chemical, Physiological and Technological Aspects, held at Chalmers University of Technology, Uddevalla, Sweden, from September 2 to 6.

HOOKE TO BULGARIA. A. L. Hooker, Plant Pathology, will present an invitational paper entitled "Breeding Maize for Disease Resistance" at the Tenth Meeting of the European Association for Plant Breeding being held in Varna, Bulgaria, the week of September 17. Dr. Hooker will also visit the Maize Research Station in Rumania.

#### VISITORS RECENTLY ON CAMPUS

Bruno Nilsson and Sture Claesson, Swedish University of Agricultural Science, Uppsala, met with J. C. Siemens, Agricultural Engineering, on July 20 to discuss farm machinery management.

J. M. Bruce, Scottish Farm Buildings Investigation Unit, Aberdeen, discussed environmental conditions of pigs with Agricultural Engineering staff on July 23 and 24.

Hisana Aoki, Professor of Natural Resources in the College of International Relations, Nihon University, Mishima, Japan, met with staff in Foods and Nutrition and Food Science on July 24 and 25.

R. Pollard, Westmill Products, Australia, discussed grain and hog production with B. J. Butler, D. L. Day, and D. H. Vanderholm, Agricultural Engineering, on July 25.

Dr. F. G. Perry, Product Development Manager of BP Nutrition UK Ltd., met with researchers in Animal Science and Dairy Science on July 27 and 28.

Dr. Jerzy Szyrmer, Deputy Director of the Plant Breeding and Acclimatization Institute, Warsaw, Poland, met with staff in Agronomy, Agricultural Entomology, Plant Pathology, Agricultural Engineering, and USDA from July 25 to 27. Dr. Szyrmer is a soybean breeder.

Twelve Brazilians representing Agroceres, a hybrid corn organization, toured the Agronomy South Farm on July 27. The group was on a tour planned by H. Dean Bunch, Director of International Programs at Mississippi State University.

Justin Jackson, Director of CARE/Costa Rica, visited INTSOY on August 1 and 2 to investigate training possibilities for Costa Rican soybean farmers.

Donald Bushman, newly appointed director of the American Soybean Association's southeast Asia office, visited INTSOY staff on August 2 to become better acquainted with program objectives and personnel.

Dr. Antonio Matheus, Dean of the Faculty of Social and Economic Sciences, Zulia University, Maracaibo, Venezuela, met with researchers in Agricultural Economics, the Office of International Agriculture, and UIUC from August 9 to 13. Dr. Matheus is interested in the application of business and social science analysis to agricultural problems.

Dr. R. Bernsten, IRRI/Indonesia Cropping Systems Program, visited Agricultural Economics on August 3. Dr. Bernsten is an alumnus of the department.



Dr. Suryatna Effendi, Central Research Institute for Agriculture, Indonesia, met with staff in Agronomy, Agricultural Entomology and International Agriculture, and with V. I. West, MUCIA liaison officer, on August 16 and 17.

Rex Thompson, field secretary for the New Zealand Pork Industry Council, and Noel Reid, New Zealand pork producer, visited with Agricultural Engineering, Animal Science, and Veterinary Medicine staff from July 29 to August 3.

The twelve-member Japanese Industrial Corn Team met with D. E. Alexander, Agronomy, and T. A. Hieronymus, Agricultural Economics, on August 20. They were interested in U.S. corn breeding development. The tour was sponsored in part by the U.S. Feed Grains Council and the USDA Foreign Agricultural Service.

R. A. Sikora and H. Hehne, Bonn, Germany, presented a seminar entitled Interactions Between Endotrophic Mycorrhizal Fungi and Plant Pathogenic Nematodes and Fungi on August 24 during their visit to Plant Pathology.

Dr. Miloje Saric, professor of plant pathology at the Institute of Biology, Yugoslavia, met with D. E. Alexander and other staff in Agronomy from September 5 through 8, in an exchange sponsored by NAS/Yugoslav Council Memorandum of Understanding.

Dr. Raja I. Tannous, Head of the Department of Food Technology and Nutrition, American University, Beirut, Lebanon, met with M. P. Steinberg and L. S. Wei, Food Science, on August 6. They discussed the possibility of starting a soy food processing program at the American University and exchanging graduate students.

F. K. Hsieh, Senior Entomologist with the Plant Protection Center in Taiwan, met with staff in Agricultural Entomology and Entomology on August 20. Dr. Hsieh is a former UIUC student. Dr. Ku, also from the Center, visited here on August 16.

Francisco A. Mandl, Centro de Investigaciones Agricolas, Estacion Experimental La Estanzuela, Uruguay, met with M. Kogan, Agricultural Entomology, and R. L. Bernard, Agronomy, on August 22. Mr. Mandl is a plant breeder interested in soybean resistance to insects.

N. C. Pant, Director of the Commonwealth Institute of Entomology, London, England, met with researchers in Agricultural Entomology, Entomology, the Soybean Insect Research Information Center (SIRIC), and the Faunistics Section of the Illinois Natural History Survey on August 13 and 14. Dr. Pant is interested in information exchange and applied taxonomy in crop protection.

M. O. Aluko, Plant Quarantine Service, Moor Plantation, Nigeria, visited SIRIC and met with Agricultural Entomology staff on August 14.

Louis Jackai, International Institute of Tropical Agriculture (IITA), Ibadan, Nigeria, visited the soybean entomology project on August 17. Dr. Jackai is a UIUC alumnus.

Franco Bajcetic of the Faculty of Agriculture, University of Belgrade, Yugoslavia, met with staff in Agricultural Economics on September 4 and 5. Professor Bajcetic is interested in livestock and crop production economics.

Thirty-five Rhineland arable farmers visited the FS Service Unit and the Styan farm in Sadorus on September 3. R. W. Howell, Agronomy, explained the Morrow Plots and the research activities on the South Farm. Upson Garrigus, Animal Science, escorted the group.

Mr. Arthur Mulholland, a New Zealand farmer and vice-chairperson of the United Wheat Growers of New Zealand, met with D. H. Vanderholm and other Agricultural Engineering staff of August 13 to discuss agricultural mechanization advances and minimum tillage methods. Sponsored by the U.S. International Communication Agency, Mr. Mulholland is active in many farmer and agricultural organizations.

Mr. Mauro Amutan, Philippine Ministry of Agriculture, met with staff in the Cooperative Extension Service on July 19 to discuss agricultural program evaluation methods.

Dr. Lazlo Kalman, FAO fellow from Hungary, met with Agronomy staff on September 10 and 11. Dr. Kalman is interested in corn breeding and production.

Mr. George H. Bridgmon, Chief-of-Party for the Multinational Agribusiness Systems, Inc., (MASI) project in Zaire met with office of International Agriculture and INTSOY staff from September 10 through 12. This project to develop the National Agricultural Research Institute is USAID-financed. UIUC is subcontracted to manage the training aspects.

#### VISITORS COMING TO CAMPUS

Mr. Hendrik Van der Merwe, a South African journalist writing articles on American agriculture, September 14 and 15. He will meet with D. E. Alexander and R. J. Lambert, Agronomy, and will visit a small, mechanized corn farm run by one family with minimal outside labor.

Dr. M. Maceljski, Plant Protection Institute in Zagreb, Yugoslavia, will meet with J. E. Appleby, Agricultural Entomology, on September 27. Dr. Maceljski is the Yugoslav leader of the recently instituted USDA/YUGOSLAV research project on biological control of terrestrial and aquatic weeds and pests of crops and forests.

American Soybean Association tours. On September 12, twenty-two participants in the Tokyo Grain Exchange Team will be at UIUC. T. A. McCowen and W. N. Thompson, INTSOY, and T. A. Hieronymus, R. A. Hinton, and L. D. Hill, Agricultural Economics, will conduct a seminar for them. On October 2, the twenty member Soybean Study Team will participate in a similar seminar. Both groups will be escorted by Jack Yamashita, ASA.

Thirty-five agriculturalists associated with COAGRO, Cali, Colombia, on September 27 and 28. Interested in corn and soybean production, they will visit the South Farm and meet with E. C. Bantz, Cooperative Extension Service.

Ms. Nora Mancuso, Argentina, September 13 and 14. Ms. Mancuso is a soybean breeder.

If you wish to meet with any of these visitors contact John W. Santas, 113 Mumford Hall, 355-3638.

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The International Agriculture Newsletter is published monthly by the Office on International Agriculture, University of Illinois at Urbana-Champaign 61801: Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

October 1979 No. 17

**WOMEN IN DEVELOPMENT.** The USAID Women in Development Office recently funded a project to support organizational activities for Women in Development committees at MUCIA universities for this academic year. At the University of Illinois, a newsletter, monthly meetings, and small working groups are now being organized. Interested persons should contact Edna G. Bay, 1208 W. California Street, Urbana, 333-6335.

**IRRIGATED SOYBEAN PRODUCTION CONFERENCE.** Thirty-five participants from twelve countries attended the conference on Irrigated Soybean Production in Arid and Semi-Arid Countries, held in Cairo, Egypt, from August 31 to September 6. The conference was sponsored by the Egyptian Ministry of Agriculture, Menoufeia University, Egypt, and INTSOY in collaboration with FAO/Rome and USAID. Attending from the University of Illinois were: W. N. Thompson, INTSOY Director; J. B. Sinclair, Plant Pathology; J. C. Siemens, Agricultural Engineering; and R. S. Smith, J. A. Jackobs, and W. H. Judy, Agronomy.

**FEASIBILITY STUDY.** Fausto Medina, Ph.D. student in Agricultural Economics, will participate in a research project on the feasibility of soybean processing in Puerto Rico under an agreement between INTSOY and the University of Puerto Rico, Mayaguez Campus.

**GOODMAN IN ENGLAND.** R. M. Goodman, Plant Pathology, was in England from September 14 to October 2. He gave an invited review paper on the discovery and properties of geminiviruses at the 75th Meeting of the Association of Applied Biologists, held at the University of Reading. Dr. Goodman also visited laboratories at the Imperial College in London, the John Innes Institute in Norwich, and the University of Nottingham to learn new techniques for plant cell protoplast work.

**SUDAN CONSULTANTSHIP.** Steve Jones, recent UIUC graduate in Agricultural Education, will leave in October for two and a half years at the Rumbek Agricultural Training Center, Sudan. The Center trains agricultural extension workers in small-farm development. The project is sponsored through a USAID contract to Development Alternatives, Inc., Washington, D.C.

**SMALL IN MOROCCO.** Erwin Small, veterinary clinical medicine, will make three presentations at the Society for International Veterinary Symposia being held in Morocco from October 9 to 23. Dr. Small, currently vice president of the Society, will assume the presidency in 1980.

**IITA CONFERENCE.** Marcos Kogan, Agricultural Entomology, will participate in a review panel on Techniques for Screening and Identification of Host Plant Resistance at a conference on resistance to grain legumes being held at the International Institute of Tropical Agriculture, Ibadan, Nigeria, from October 16 to 19. Dr. Kogan will also present a paper on sampling methods for screening for resistance.

**IBPGR MEETING.** J. M. J. deWet, Agronomy, traveled to Hyderabad, India, for the annual meeting of the Advisory Committee on Cereals of the International Board of Plant Genetic Resources, held September 19 and 20. Dr. deWet also met with cereal researchers at ICRISAT to discuss possible cooperation with UIUC's Crop Evolution Laboratory on computer storage of cereal systematics data.

**GRAIN PROJECT.** Michael Venker, Agricultural Economics, returned to campus in September after spending six months in England on a grain sampling project. The project is sponsored in part by a grant from the USDA Federal Grain Inspection Service.

**IAAE CONFERENCE.** C. B. Baker, G. K. Brinegar, J. M. Due, H. G. Halcrow, E. D. Kellogg, and F. J. Reiss, Agricultural Economics, attended the 17th International Conference of Agricultural Economists, held in Banff, Canada, from September 3 to 12.

The Office of International Agriculture welcomes the following new foreign graduate students to the College of Agriculture and the Department of Veterinary Medical Science:

#### AGRICULTURAL ECONOMICS

Merle Faminow	Canada	marketing
Ricardo Reis	Brazil	farm management
Anthony Soskin	England	policy and development
Aree Wiboonpongse	Thailand	marketing

#### AGRICULTURAL ENGINEERING

Hamid Shirvani	Iran	power and machinery
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#### AGRONOMY

Uma S. Gupta	India	maize breeding
Ingetje Mastenbroek	Netherlands	crop evolution
You-li Peng	Taiwan	soil chemistry

#### ANIMAL SCIENCE

Petrus Jan VanderAar	Netherlands	ruminant nutrition
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#### DAIRY SCIENCE

Rogelio Gomez-Alarcon	Mexico	microbiology
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#### FOOD SCIENCE

Vasilios Apazoglou	Greece	microbiology
Gladys Boison	Ghana	food processing
Lavinia Camacho	Chile	food processing
Frida Grynspan	Costa Rica	dairy processing
Victor Otero	Colombia	food chemistry

#### HORTICULTURE

Lan-Shing Hwang	Taiwan	tissue culture
Mohammed Kgazal	Iraq	tree fruit breeding

#### HUMAN RESOURCES AND FAMILY STUDIES

Hameed Al-Obaidy	Iraq	foods and nutrition
Chiemi Ishii	Japan	foods and nutrition
Yuying Liu	Taiwan	foods and nutrition

#### PLANT PATHOLOGY

Rizaldo G. Bayot	Phillippines	phytobacteriology
Vikram Singh Bisht	India	soybean fungicides
Stephen M. Haber	Canada	virology

#### VETERINARY MEDICAL SCIENCE

Dr. Victor M. Basurto-Kubo	Mexico	physiology
Dr. Setyawan Budiharta	Indonesia	microbiology
Dr. Miguel F. Larios	Mexico	microbiology
Dominic M. Leung	Hong Kong	physiology
Dr. Jorge W. Lopez	Chile	microbiology
Dr. Vera R. Mendonca	Brazil	parasitology
Dr. Sonia H. Montenegro	Chile	microbiology
Dr. Halit H. Oz	Turkey	pathology
Dr. Victor F. Pang	Taiwan	pathology
Dr. Rudi Weiblen	Brazil	microbiology
Hyekyung Yang	Korea	immunology

HARLAN TO JAPAN. J. R. Harlan, Agronomy, will be a visiting professor in crop evolution on the Faculty of Agriculture of Nagoya University, Japan, from September through December. During his sabbatical leave he will also conduct research on seed germination mechanism differences between wild and domestic races of cereals.

HUTJENS IN IRELAND. Michael F. Hutjens, Dairy Science, spent two weeks in Ireland in late September and early October. Under the sponsorship of the American Soybean Association, he presented a series of seminars to dairy producers and visited farms, universities, and feed manufacturers.

BRYANT OVERSEAS. M. P. Bryant, Dairy Science, attended several conferences during September. At the Fifth International Symposium on Ruminant Physiology, held at Clermont-Ferrand, France, he was the chair at a workshop on Advances in Microbiological Techniques in vitro and in vivo. In Toronto, Canada, he attended a Trust meeting of Bergey's Manual of Systematic Bacteriology. Dr. Bryant gave an invited paper on "Metabolic Stages and Energetics of Microbial Anaerobic Digestion" at the First International Symposium on Anaerobic Degredation, held at University College, Cardiff, Wales. And at Rijisuniversitut Biological Center, Groningen, Holland, he gave a seminar on Microbial Ecology of Anaerobic Degradation and Methanogenesis. While in Holland he spent two days discussing rumen microbiology with staff of the Veterinary School in Utrecht.

HAGEMAN IN SOUTH AFRICA. R. H. Hageman, Agronomy, presented a series of lectures on nitrogen metabolism at the University of the Witwatersrand, Johannesburg, during September.

PERKINS IN EUROPE. E. G. Perkins, Food Science, gave four presentations to the Swedish Lipid Forum on September 7. During the second week of September he gave four more presentations at ITERG, a lipid research institute, in Paris, France.

MISTRY RETURNS FROM EUROPE. S. P. Mistry, Animal Science, returned to UIUC in September after a six-month sabbatical in Europe. Dr. Mistry spent one month at the Federal Institute of Technology in Zurich, Switzerland, and one month at Cambridge University, England. During three and a half months at the University of Madrid, he collaborated with Professor Sols on enzyme regulation in carbohydrate metabolism.

KOEPPE IN FRANCE. David E. Koeppe, Agronomy, presented a paper on the differential effects of carbamate pesticides and Helminthosporium maydis (race T) toxin on mitochondria isolated from normal-fertile and male-sterile maize seedlings at an international conference of cytoplasmic genetics held in Paris from September 17 to 22.

#### VISITORS RECENTLY ON CAMPUS

A group of Japanese soybean buyers sponsored by Mitsui Co., Inc., met with L. S. Wei, Food Science, on September 5. Dr. Wei demonstrated soy ice cream and soy milk.

Thirty-three Japanese pork producers toured Animal Science environmental chambers and two area pork-producing operations on September 8. The group was especially interested in intensive swine production.

Shelly Katz, Soils and Fertilizers Laboratory, Israeli Institute of Technology at Haifa, spent three weeks in September working with Agronomy staff on fertilizer nitrogen loss from soils. Sponsored by the Binational Agricultural Research and Development fund (BARD), her visit was part of a continuing project of the Israeli Institute of Technology and the Agronomy Department. Josef Hagin, head of the Soils and Fertilizers Laboratory, discussed future cooperative research with Agronomy staff on September 11 and 12.

The board of directors of the German Margarine Association was on campus September 8 to tour the Agronomy South Farm and meet with E. G. Perkins, Food Science. The trip was sponsored by the American Soybean Association and the Land of Lincoln Soybean Association.

Tom Cunilio, Soja Internacional, Asuncion, Paraguay, met with Agronomy, Agricultural Entomology, and INTSOY staff from September 18 to 21. They discussed a soybean production project in eastern Paraguay sponsored by the Florida Peach Corporation of America, the parent company of Soja International.

A. E. Buckle, microbiologist with the Agricultural Development and Advisory Service, Derby, England, met with Animal Science staff from September 18 to 21.

Dennis Kelliher, veterinarian from Longford, Ireland, and P. J. O'Connor, veterinary pathologist with the Federal Veterinary Diagnostic Station in Dublin, discussed swine housing and health with Animal Science and Veterinary Medicine staff from September 18 to 21.

Grant D. Adams, Integrated Pest Management Unit, Agriculture Department of the University of Queensland, Australia, visited the Soybean Insect Research Information Center and met with staff in Agricultural Entomology on September 18.

Sam C. Hsieh, Asian Development Bank, Manila, Philippines, was on campus September 14 to discuss the work of the Asian Development Bank with staff in the College of Agriculture.

N. D. Mukherjee, Grain Storing and Processing Industries, Calcutta, India, discussed the equipment needs and operation problems of a soy food processing plant in Bareilly, U.P., India, with A. I. Nelson, Food Science, and E. D. Rodda, Agricultural Engineering, on September 20.

R. A. Easter, Animal Science, hosted Dr. Raul Schinca and Jaime del Aguila of the National University in Mexico City from September 24 to 28. They were interested in teaching methods and in swine production.

Y. D. Sood, Project Manager (Soybeans) of Modi Enterprises, Inc., India, met with INTSOY staff on September 24 and 25 to discuss production and processing of soybeans in India.

Edwin B. Oyer, International Agricultural Development Service, Bogor, Indonesia, discussed cooperative activities in Indonesia under the recently signed UIUC/IADS Memorandum of Understanding with INTSOY staff on September 26.

#### VISITORS COMING TO CAMPUS

Ulrik Bernhoft, an agriculture student from Denmark, is expected at UIUC from October 31 to November 5.

Negaaki Sekiya, Tokachi Agricultural Experiment Station, Hokkaido, Japan, will tour the Agronomy South Farm and meet with Agronomy, USDA, and INTSOY staff on October 25 and 26. Dr. Sekiya is interested in organic matter and microorganism activity in soil.

Leon Bagramov, USSR, will spend two days at UIUC in early October discussing world food and population problems with College of Agriculture staff.

Eight Chinese (PRC) scientists are expected at UIUC for two days in late October. The group is interested in the viewing the kinds of scientific equipment used in agricultural laboratories. The visit is being coordinated by the USDA Science and Education Administration.

If you wish to meet with any of these visitors contact John W. Santas, 113 Mumford Hall, 353-3638.

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The International Agriculture Newsletter is published monthly by the Office of International Agriculture, 113 Mumford Hall, University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items.

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# International Agriculture Newsletter

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College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

November 1979 No. 18

**INTERNATIONAL AGRICULTURE SEMINARS.** The International Agriculture Policy Committee and the Office of International Agriculture are organizing seminars for 1979-1980. The objective is to bring together faculty and students from all disciplines to discuss international development topics, with emphasis on those research, educational, and technical assistance activities in which UIUC faculty and students are involved. Each seminar will be jointly sponsored by OIA and UIUC departments or administrative units. If you have suggestions on individuals or topics that might be included, contact a committee member: Robert A. Easter, 333-2557; Danny Erickson, 333-7107; Brian Moeller, 344-8654; Andrew J. Sofranko, 333-0725; or John W. Santas, 333-3638.

The following seminars are scheduled for Wednesdays at 4:00 p.m. in room 426 Mumford Hall:

- November 28 Crop Production and Land Reclamation in Jilin Province, Northeast China — W. O. Scott, Agronomy, and R. A. Hinton, Agricultural Economics.
- December 5 The Challenge of Agricultural Journalism in Southeast Asia — Hadley Read, Agricultural Communications, emeritus.
- December 12 Caribbean Agricultural Extension Project: Report From the Design Team — B. E. Swanson, International Agricultural Education, J. B. Claar, Cooperative Extension Service, B. A. Yates, Comparative Education, and E. D. Kellogg, Agricultural Economics.

**WOMEN IN DEVELOPMENT MEETING.** Barbara A. Yates, Comparative Education, will discuss ongoing MUCIA women in development projects in the Caribbean on Monday, December 3 at 4:00 p.m. in room 240 Commerce West. All interested persons are invited to attend. At the first meeting of the semester, held on October 22, William N. Thompson, Office of International Agriculture, discussed UIUC agricultural projects in relation to women in development.

**FARM TRAINEE CONFERENCE.** Approximately eighty foreign agriculturalists from ten countries who have been on U.S. farms since February 1979 will attend a conference at UIUC entitled Future Directions in U.S. Agriculture, from November 18 to 21. The trainee program is organized by the International Farmers Association for Education, a not-for-profit organization allied with the American Farm Bureau Federation.

**INDONESIA PROJECT.** MUCIA is responding to a request for a proposal on the Indonesia Professional Resources Development Project. The project, primarily concerned with public administration planning and fiscal management, also involves rural development. For more information contact V. I. West, 3010 Foreign Language Building, 333-1993, or E. D. Kellogg, 310 Mumford Hall, 333-1253.

GIANOLA IN URUGUAY. D. Gianola, Animal Science, presented an invited paper to the Uruguayan Association of Agricultural Engineers on statistical genetics and animal improvement on September 24.

NIGERIA TRIP. V. I. West, OIPS, will discuss the development of agricultural economics and agricultural engineering at the University of Maiduguri, Nigeria, during a visit there in mid-November.

INOCULANT PRODUCTION. R. Stewart Smith, Agronomy, traveled to India and Sri Lanka during September to review soybean inoculant production plans for the Sri Lankan Soybean Development Program.

MOROCCO DAIRY OPERATION. Stewart Tuckey, professor emeritus in Food Science, served as a consultant to the Government of Morocco in June. Dr. Tuckey planned a small dairy operation to produce cultured products and ice cream. He will return to Morocco during equipment installation.

IRWIN IN SOUTH AMERICA. M. E. Irwin, Agricultural Entomology, traveled to Ecuador in October to discuss possible cooperative soybean pest management work between INTSOY and INIAP. He then traveled to Peru to evaluate progress on the USAID/INTSOY program with the Peruvian Ministry of Agriculture on soybean insect pest management in the high selva.

WORLD LIVESTOCK SEMINAR. A. J. Muehling, Agricultural Engineering, spoke on raising pigs in cages and flat decks at the World Livestock and Poultry Seminar, held in Oskaloosa, Iowa, from August 14 to 16. The seminar was sponsored by Intraco, Inc.

SOYBEAN VARIETY TRIALS. H. J. Hill, Agronomy, traveled to Puerto Rico in October to assist with the evaluation and harvest of INTSOY soybean experiments. Also during October, Quyen H. Nguyen, Agronomy, monitored soybean breeding work at ICA in Colombia, and SIEVE and ISVEX trials in Ecuador. W. H. Judy, Agronomy, was in Ecuador in early November to evaluate SIEVE, SPOT, and ISVEX trials, and to discuss the INTSOY program with INIAP staff. He then traveled to Lima to assist the Government of Peru soybean project in variety development. From Lima, Dr. Judy will travel to Puerto Rico where he will select varieties for ISVEX from preliminary variety trials.

#### VISITORS RECENTLY ON CAMPUS

M. O. Aluko, Federal Plant Quarantine Service at Moor Plantation in Nigeria, was at UIUC on August 13 and 14 to discuss plans for a pathogen-free germ-plasm exchange program between INTSOY and institutions in Nigeria. Dr. Aluko then traveled to Puerto Rico for further discussion with INTSOY staff.

Michael Palmer, Kewpie Constructions, Kingaroy, Queensland, Australia, met with A. J. Muehling, Agricultural Engineering, on August 22 and 23. Kewpie Constructions is involved in swine housing construction and swine management.

K. Shibata, Tokyo University, Japan, met with C. A. Rebeiz, Horticulture, on September 8.

Gunnar Nielson and Niels Busk of Fristamat Ventilation Co., Denmark, and K. Wayne Blenkhorn, Fristamat Ventilation Co., Ontario, Canada, discussed ventilation of livestock buildings with A. J. Muehling, Agricultural Engineering, on September 10.

Ivan Baker, Kalkan Animal Studies Centre in Melton Mowbray, Leicestershire, England, was an invited speaker at the Pet Food Industry Day held in the Illini Union on October 1. The industry day was organized by J. E. Corbin, Animal Science.



LIBRARY DONATION. UIUC's Department of Plant Pathology recently donated more than 500 volumes of duplicate books and journals to the University of Zagazig in Egypt. J. B. Sinclair coordinated the project.

SHORT COURSE EARNINGS. Departments in the College of Agriculture have been partially reimbursed for participating in four 1979 short courses: Soybean Processing for Food Uses; Technical and Economic Aspects of Soybean Production; Soil Fertility; and Seed Improvement. Earnings allocated to departments were: Agronomy \$10,500; Agricultural Communications \$4,450; Food Science \$2,800; Agricultural Entomology \$2,500; Plant Pathology \$2,300; Agricultural Economics \$2,000; Agricultural Engineering \$1,400; and Animal Science \$150.

BARD RESEARCH FUND. January 1, 1980 is the next deadline for submission of research proposals for funding under the U.S.-Israel Binational Agricultural Research and Development Fund. For more information contact Ernest P. Imle, USDA/SEA International Programs Staff, Federal Building, Hyattsville, MD 20782.

BRAZIL RESEARCH. Ray Cerkauskas, graduate student in Plant Pathology, left in August to spend approximately one year at the Federal University of Vicosa, Brazil. Under the supervision of O. D. Dhingra, he will conduct research on soybean diseases for his thesis. Mr. Cerkauskas is sponsored by the Department of Plant Pathology and INTSOY.

VISITING PROFESSOR. Clifford A. Shillingford is currently a visiting professor in Plant Pathology. Formerly with the Jamaica Banana Board Research Department, he is working with J. D. Paxton and J. B. Sinclair on Phytophthora root diseases of soybean. Dr. Shillingford is a 1977 graduate of UIUC.

NUTRITIONAL BIOCHEMISTRY RESEARCH. Robert Burns, a biochemist from the University of Nottingham, England, arrived at UIUC in early November to begin postdoctoral research with John A. Milner, Food Science. Dr. Burns will be working under a Pet Food Industry grant on amino acid requirements in dogs, and under an NIH grant on arginine and control of metabolism.

DAIRY MICROBIOLOGY RESEARCH. Jeffrey Gawthorne of Murdoch University in Australia is working with Marvin P. Bryant, Dairy Science, on culturing bacteria that digest cellulose. Dr. Gawthorne will be at UIUC until March 1980.

PRC CONSULTANTSHIP. Walter O. Scott, Agronomy, and Royce A. Hinton, Agricultural Economics, were consultants in China from October 3 to 15 for the Mitsui Company of Japan. They evaluated the potential for corn and soybeans on a 20,000 hectare site in Jilin Province that the Chinese want to develop into a fully mechanized state farm.

EXPORT SEMINAR. W. N. Thompson, Office of International Agriculture, will moderate a marketing opportunities panel at the Exporting and Investing in Agricultural Products Seminar, being held in Springfield on November 13. The seminar is sponsored by the Illinois Department of Agriculture, UIUC College of Agriculture, and various Illinois farm and commodity organizations.

PERU CATTLE PROJECT. Miodrag Ristic, Veterinary Medicine, traveled to Peru at the end of October for discussions with FAO/UN and the Government of Peru on a project to vaccinate cattle against bovine anaplasmosis and babesiosis.

JACKOBS IN HAITI. J. A. Jackobs, Agronomy, traveled to Haiti in late October to study the oilseed production potential there. The trip was sponsored by the Organization of American States.

PLANT GENETIC RESOURCES MEETING. G. F. Sprague, Agronomy, will attend a U.S. National Plant Genetics Resources Board meeting in Mexico from December 2 to 9. Board members will meet with CIMMYT and INIA staff to review their germplasm collections.

VISITORS RECENTLY ON CAMPUS, continued

Twenty-seven Swiss feed industry representatives met with Animal Science staff on October 2 to discuss UIUC's Animal Science nutrition research program.

James W. T. Seakins of the Hospital for Sick Children, London, England, met with faculty in Nutritional Sciences from October 3 to 6. Dr. Seakins presented a seminar on interactions between inborn errors of metabolism and nutritional factors.

Case Overwater, Netherlands land development consultant in Tanzania, discussed the mechanization of large-scale corn and soybean production with Robert P. Bentz, Cooperative Extension Service, and staff in Agricultural Engineering on October 11. Mr. Overwater's trip was sponsored by the Caterpillar Tractor Co. in Peoria; he was escorted by Jack Bowers of that company.

Georgio Semenza, Swiss Federal Institute of Technology, Zurich, met with faculty and students in Nutritional Sciences from October 12 to 16. Professor Semenza presented a seminar on sugar transport in the small intestine.

Animal Science staff presented information on swine production and nutrition to twenty-seven Spanish feed manufacturers on October 15 and 16. The visit was sponsored by Elanco, a subsidiary of Eli Lilly Co.

Eleven agriculturalists from China (PRC) met with Agricultural Engineering, Agronomy, and Office of International Agriculture staff on October 16. E. L. Goldwasser, Vice Chancellor for Research, and Dean O. G. Bentley also met with the group. The visit was sponsored by Caterpillar Tractor Co. of Peoria; they were accompanied by Lyle G. Reeser and James Han of that company.

Ahmad Awad Salama, Director General of Extension Administration in the Egypt Ministry of Agriculture and Secretary of the Egyptian Soybean Association, met with Agronomy, Cooperative Extension Service, Food Science, and INTSOY staff on October 26. This visit, sponsored by the American Soybean Association, was to familiarize Dr. Salama with the use of soybeans to alleviate protein deficiency.

The International Agriculture Newsletter is published monthly by the Office of International Agriculture, 113 Mumford Hall, University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items. The College of Agriculture provides equal opportunities in programs and employment.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

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December 1979 No. 19

## SEMINARS

- December 12 Caribbean Agricultural Extension Project: Report From the Design Team — B. E. Swanson, International Agricultural Education, J. B. Claar, Cooperative Extension Service, B. A. Yates, Educational Policy Studies, and E. D. Kellogg, Agricultural Economics.  
426 Mumford Hall at 4 p.m.
- January 18 Proposalmanship for U.S. Development Agencies — T. A. McCowen, Office of International Agriculture.  
426 Mumford Hall at 1:30 p.m.

SPANISH LANGUAGE TRAINING. The second intensive Spanish language training course will be held mornings from December 17 to 21 and January 7 to 18. The course is sponsored by the Department of Spanish, Italian and Portuguese, the Office of International Agriculture, and the College of Veterinary Medicine. For more information contact Ronald C. Cere, 4080 Foreign Language Building, 333-8280, or the Office of International Agriculture, 333-6420.

MEXICO COOPERATION. Gregory R. Noel, Plant Pathology, represented the Office of International Agriculture in discussions about possible U.S.-Mexican cooperative agriculture research. The meeting, held at New Mexico State University at Las Cruces from November 13 to 16, was attended by USDA personnel, Mexican officials, and representatives from several U.S. universities.

WID PROJECT. Barbara Yates, Educational Policy Studies, was at the University of the West Indies Cave Hill Campus, Barbados, from November 9 to 22. While there, she consulted with the Women and Development Unit and the Director of the Institute for Social and Economic Research on the possibility of doing a base-line study of women's roles on small-scale farms. She also discussed the Women and Development Unit's program on generating income for rural women. The trip was financed by MUCIA, the College of Education, and the Office of International Agriculture.

SOYBEAN TRAINING COURSE. John W. Santas, INTSOY, participated in a soybean production course offered for Peruvian and Colombian production agents. Held in Palmira, Colombia, from November 26 to December 14, the course was given by the Instituto Colombiano Agropecuario and INTSOY, and sponsored by USAID.

CURRICULUM DEVELOPMENT. Daniel I. Padberg, Agricultural Economics, will be at Zulia University, Maracaibo, Venezuela, during January to design and implement a post-graduate agricultural economics curriculum.

DISEASE VECTOR MEETING. Joseph V. Maddox, Agricultural Entomology, participated in the World Health Organization's Special Program for Research and Training in Tropical Diseases Scientific Working Group on Biological Control of Insect Vectors of Diseases, held the week of November 19 in Geneva, Switzerland.

PERU PROJECT. William M. Walker, Agronomy, served as a soils consultant to the Peru Soybean Development Project from November 9 to 23.

PLANT CONFERENCE. M. C. Carbonneau, G. M. Fosler, W. L. George, and L. A. Spomer, Horticulture, attended the Twelfth International Bedding Plant Conference, held at Lincolnshire, Illinois, from October 7 to 11.

U.S.-USSR SWINE SEMINAR. A. H. Jensen, Animal Science, spoke on guidelines in swine production housing and management at a U.S.-USSR seminar on intensive swine production held at Clay Center, Nebraska, from November 14 to 16. On November 19, six of the Russian delegates visited UIUC, where they met with Animal Science staff, A. J. Muehling in Agricultural Engineering, and toured swine facilities.

#### SABBATICALS

Christos J. Argoudelis, Food Science, will research developing a radioimmunoassay method for the determination of vitamin B<sub>6</sub> in foods at the National Research Institute, Athens, Greece, from January through July, 1980.

Charles W. Boast, Agronomy, will work with Dr. Georges Vachaud at the Institut de Mechanique, Université Scientifique et Medicale, Grenoble, France, and with Dr. Louis DeBacker, Département de Génie Rural, Faculté des Sciences Agronomiques, Louvain-la-Neuve, Belgium, on calibration, testing, modification, and simplification of computer models for the simulation of water flow in soils, from January through July, 1980.

Lloyd D. Witter, Food Science, will be at the Institute of Food Research in London, England, from January through July 1980, to investigate water activity in foods.

#### VISITORS RECENTLY ON CAMPUS

Two swine producers from the Netherlands met with A. J. Muehling, Agricultural Engineering, on October 25 and 26. A. Swinkels of the Hendrix Feed Company, and W. Cop, Euribird, were interested in several aspects of Illinois swine production, including waste and energy management, and housing.

N. S. Ramaswamy, Director of the Indian Institute of Management in Bangalore, was at UIUC on November 1 and presented a seminar on his institute and its programs.

Olivier de Rham, Nestle Products Technical Assistance Co., Ltd., Switzerland, met with M. P. Steinberg, L. S. Wei, and A. I. Nelson, Food Science, on November 9, and presented a seminar on soy protein.

Gerardo Martinez-Lopez, Plant Virus Laboratory in the Colombian Institute for Agricultural Research, Bogota, presented a seminar on plant virus research in Colombia. Currently a Guggenheim scholar at the Ohio Agricultural Research and Development Center, Wooster, Dr. Martinez-Lopez visited UIUC on November 5.

Lidia V. Ospinnikova, Food and Agriculture Department in the USSR Academy of Sciences, met with W. R. Nave and J. C. Siemens, Agricultural Engineering, on November 7. She was accompanied by Jack Langsdorf of Archer-Daniels-Midland, Decatur.

Seven Rumanian swine researchers visited UIUC November 15 and 16. The group, escorted by Klaus Werner, Director of the U.S. Feed Grains Council in West Germany, met with D. L. Day and A. J. Muehling, Agricultural Engineering.

Kamphol Adulayavidhaya, Director of the Research and Development Institute at Kasetsart University in Thailand, visited the Agricultural Experiment Station and the Office of International Agriculture, and met with Agricultural Economics faculty on November 16.

M. Forys, Vice Rector, and S. M. Niraz, Department of Chemistry, Agricultural and Teachers University of Siedlce, Poland, were on campus on November 20. They discussed the College of Agriculture's undergraduate teaching program with Dean Campbell, visited the university's beef research facilities, and toured Agronomy laboratories in Turner Hall.

Elmer Palm and Horst Huttenbach, representatives of the Hoechst Corporation, met with D. E. Kuhlman, Agricultural Entomology, and with J. B. Sinclair, D. I. Edwards, and G. R. Noel, Plant Pathology, on November 26. Dr. Palm and Dr. Huttenbach were interested in soybean crop protection.

E. L. Senanayake, Minister of Agricultural Development and Research in Sri Lanka, was at UIUC from November 27 to 30. He met with INTSOY staff, and presented a seminar on agriculture and agricultural development in Sri Lanka. He also visited farms and soybean processing facilities in Illinois and St. Louis.

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The International Agriculture Newsletter is published monthly by the Office of International Agriculture, 113 Mumford Hall, University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items. The College of Agriculture provides equal opportunities in programs and employment.

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# International Agriculture Newsletter

College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

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January 1980 No. 20

INTERNATIONAL AGRICULTURE SEMINARS. These seminars are scheduled on Wednesdays at 4 p.m. in 426 Mumford Hall.

- February 20 Academic Agricultural Library Development in Nepal — J. W. Beecher, Agriculture Librarian.
- February 27 Forest Products Utilization in China, Germany, and Japan — Poo Chow, Forestry.
- March 5 Women in Development Activities on the UIUC Campus — E. G. Bay, African Studies.
- March 12 Partners of the Americas: Illinois/Sao Paulo, Brazil, Partnership — A. J. Siedler, Food Science.
- March 19 The Winter Vegetable Industry in Mexico — J. S. Vandemark, Horticulture, Emeritus.
- March 26 An update on UIUC Involvement in Belize — W. D. Buddemeier, International Agriculture, Emeritus.

FOREIGN VISITORS IN 1979. More than 500 visitors from 40 foreign countries were assisted by the Office of International Agriculture in 1979. Half of these visitors came especially to meet with INTSOY staff. This count does not include the many visiting scientists who directly contacted departments and staff in the College of Agriculture.

SOYBEAN RESEARCH. UIUC is one of six U.S. universities involved in the soybean component of the Consortium for Integrated Pest Management program entitled Development of Unified, Economically, and Environmentally Sound Systems of Integrated Pest Management for Major Crops, funded by U.S.E.P.A. through Texas A&M University. Staff from UIUC's departments of Agronomy, Agricultural Entomology, and Plant Pathology in the College of Agriculture, and Ecology, Ethology and Evolution in the School of Life Sciences will work on a broadly based soybean integrated pest management system. Marcos Kogan, Agricultural Entomology, is the Illinois coordinator. R. E. Ford, Plant Pathology, and Sam Turnipseed, Clemson University, are the national directors of the soybean component. The project will include searching for natural enemies of soybean insect pests in South America, and for insect resistant soybeans growing in the Orient. These natural enemies and resistant soybeans will then be imported into the U.S. for use in biological control and breeding programs.

IVORY COAST TRAINEES. Six students from the Ivory Coast, participants in a training project sponsored by the Ivory Coast Ministry of Agriculture and the Office of International Agriculture, are enrolled in master degree programs at U.S. universities for the spring semester. The students attended UIUC's Intensive English Institute last semester. They are: Yao Angoran, University of Illinois, Extension Education; Berete Abdoulay, University of Illinois, Agricultural Economics; Kadja N'Zore and Yamani Soro, State University of New York at Syracuse, Forestry; and Kouame Komenan and Djava Doutouan, California State University at Fresno, Agronomy. Currently twenty-three students sponsored by this project are enrolled in nine U.S. universities.

WOMEN IN DEVELOPMENT GRANT. The University of Illinois received a \$5,000 grant from MUCIA to develop a research project on the role of women on small farms in the eastern Caribbean. The project will involve researchers at UIUC and several other MUCIA-member universities. For more information contact Edna G. Bay, 1210 W. California, 333-6335, or Barbara A. Yates, 359 Education Building, 333-7144.

MUCIA PORTUGAL PROJECT. MUCIA has submitted to USAID a technical proposal for the development of three polytechnic institutions in Portugal. The project involves short and long-term technical assistance and staff training. For more information contact V. I. West, 3010 Foreign Language Building, 333-1993.

INDONESIA PROJECT. The University of Illinois has submitted to USAID an Expression of Interest in the Title XII Sumatran Universities Agricultural Education Project. Phase one, project planning, will be followed by a five-year staff development program. For more information contact W. N. Thompson, 113 Mumford Hall, 333-6422.

EXPORT BOARD. W. N. Thompson, Director of International Agriculture, was elected chair of the Illinois Export Advisory Board. The Board advises the State Director of Agriculture on policies relating to export of Illinois Agricultural commodities.

BOOKS FOR GMU. C. S. Walters, Forestry, emeritus, donated his personal library to the Forestry Library at Gadjah Mada University in Yogyakarta, Indonesia. The books and journals, collected during the last 39 years, weighed 1000 pounds. Dr. Walters was a MUCIA consultant on the GMU wood research program for three months in 1971.

ETHNOBOTANICAL RESEARCH. Sue A. Thompson, graduate student in Botany and Agronomy, will be in Amazonas Province, Venezuela, until June to study the role of tuber crops in subsistence, medicinal, and ritual systems of the Ye'kuana Indians. A grant from the Wenner-Gren Foundation for Anthropological Research is funding the project.

NEW INTSOY MEMBERS. Jane Polston is the new Assistant Plant Pathologist (Virology). She is working with R. M. Goodman, Plant Pathology. W. C. Stearn is replacing R. Stewart Smith as the INTSOY soil microbiologist in Puerto Rico. Dr. Stearn will begin February 1.

#### VISITING RESEARCHERS

Professor Kwang-Chool Ko of Seoul National University, Korea, arrived at UIUC in December to spend a year in the Department of Horticulture. Mr. Ko will work on cultural systems for economic deciduous fruits.

Dr. Michael Hennerty of the Department of Horticulture, University College in Dublin, Ireland, will be a visiting professor in Horticulture from January through July. Dr. Hennerty will conduct research on nitrogen metabolism.



## SABATTICALS

Walter E. Spittstoesser, Horticulture, will conduct research on vegetable mycorrhizae at the Rothamsted Experiment Station in Harpenden, England, from January through July.

John S. Titus, Horticulture, will be at University College in Dublin, Ireland, until August, to work on plant nitrogen problems.

Larry G. Hansen, Veterinary Biosciences, will study the toxicology of PCB contaminated animal products and analyze the residues at the Agricultural University, Wageningen, and the University of Amsterdam, from January through July.

## THESIS RESEARCH

Fausto Medina, graduate student in Agricultural Economics, left for Puerto Rico in December to begin thesis research. Supported by the University of Puerto Rico Agricultural Experiment Station, he is working on the economic feasibility of soybean processing in Puerto Rico.

C. C. Yeh, graduate student in Plant Pathology, left January 10 to spend one year at the Asian Vegetable Research and Development Center (AVRDC) in Taiwan. Under the supervision of Dr. A. T. Tschanz, he will conduct research on soybean rust. Mr. Yeh is sponsored by INTSOY and AVRDC.

Mamadou Bamba, graduate student in Agricultural Economics, will spend three weeks in Puerto Rico in January collecting data on the demand for soybean oil and meal. The research is sponsored by INTSOY and the African American Institute.

PUERTO RICO RESEARCH. R. M. Goodman, Plant Pathology, was in Puerto Rico from December 15 to 18 for the first part of an INTSOY/International Institute of Tropical Agriculture germplasm exchange project. Glenn Bowers, graduate student in Plant Pathology, was in Puerto Rico in early December and again in January for soybean mosaic virus resistance testing.

RISTIC IN VENEZUELA. Miodrag Ristic, Veterinary Medicine, attended the 29th Annual Meeting of the Venezuela National Academy of Science, held November 25 to December 1, in Barquesimeto, Venezuela. Dr. Ristic presented papers on immunological approaches for the control of human malaria, the use of attenuated anaplasmosis vaccine for control of bovine anaplasmosis, and the development of in-vitro methods for propagation of bovine anaplasmosis.

ROMANS TO BARBADOS. John R. Romans, Animal Science, will present two extension short courses on Barbados Blackbelly sheep carcass evaluation and by-product utilization during a two-week trip to Barbados in January. The trip is financed by FAO. Late last year Dr. Romans was in Barbados under the sponsorship of the Caribbean Council to participate in a long term project on meat production.

BAHR TO AUSTRALIA. Janice M. Bahr, Animal Science, will present a paper on the mechanism of gonadotropin hormone action in chicken ovarian follicles at the International Congress of Endocrinology, being held February 10 to 16 in Melbourne, Australia. Dr. Bahr's trip is supported in part by the National Science Foundation and the National Institute of Health.

CORBIN IN BRAZIL. James E. Corbin, Animal Science, spent three days in Brazil in late November for the American Soybean Association. Dr. Corbin met with representatives of the Brazilian Association of Feed Manufacturers.

#### VISITORS RECENTLY AT UIUC

John C. Wilson, Alfa-Laval Co. of Lund, Sweden, discussed the Illinois process for making soybean milk with Marvin P. Steinberg and L. S. Wei, Food Science, on December 17.

Five professors from Chungbuk National University, Korea, visited UIUC from December 2 to 6. They met with university administrators and staff in the Office of International Agriculture, and visited the Department of Horticulture.

Hendrick Knipscheer, International Institute of Tropical Agriculture in Nigeria, discussed possible support for thesis research and postdoctoral work at IITA with faculty and students in Agricultural Economics from December 3 to 7.

A four-member Spanish Government Trade Team met with Agricultural Economics and INTSOY staff on January 11. The team was sponsored by the American Soybean Association and escorted by Ed Quinones and Pedro Rodriguez of the ASA office in Madrid.

#### VISITOR COMING TO CAMPUS

S. C. Sarma, National Dairy Research Institute, Division of Dairy Engineering, Karnal, India, is expected at UIUC on January 22 and 23. Sponsored by UNDP/FAO, Mr. Sarma will meet with M. Cheryan, Food Science, to discuss UIUC's research programs in food engineering.

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The International Agriculture Newsletter is published monthly by the Office of International Agriculture, 113 Mumford Hall, University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items. The College of Agriculture provides equal opportunities in programs and employment.

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College of Agriculture  
University of Illinois at Urbana-Champaign  
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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

February 1980 No. 21

The Office of International Agriculture welcomes the following new foreign graduate students to the College of Agriculture:

	COUNTRY	AREA OF STUDY
AGRICULTURAL ECONOMICS		
Abdoulaye Berete	Ivory Coast	agricultural finance
Ganapathi S. Ramamurthy	India	international finance
AGRICULTURAL ENGINEERING		
Claudio Moreira	Brazil	farm machinery
AGRONOMY		
Man-Ting Auyeung	Hong Kong	plant breeding
Andrew Leys	Australia	weed science
FOOD SCIENCE		
Been-Huang Chiang	Taiwan	food processing
Pavinee Chinachoti	Thailand	food microbiology
Hany Khalil	Egypt	dairy manufacturing
Kun-Pei Kuo	Taiwan	dairy manufacturing
Yun-Long Lin	Taiwan	food microbiology
Vigneswary Sangerappillay	Sri Lanka	food processing
Erdal Tuncan	Turkey	food technology

YUGOSLAVIAN RESEARCHER. Vlastimir Makević of the Maize Research Institute in Yugoslavia is at UIUC for a semester of non-degree study in computer science and business administration. His program was arranged by the Office of International Agriculture.

INTSOY PROJECT-DESIGN TEAM TO EGYPT. A seven-member team will be in Egypt between mid-February and mid-April to design an oilseeds production project for the Egyptian Ministry of Agriculture. Team members from UIUC are: J. A. Jackobs, team leader and soybean specialist; I. J. Jansen, soils; R. A. Hinton, production economics; M. E. Sarhan, marketing; and T. A. McCowen, budget and logistics. R. H. Henning, University of Georgia, is the extension agronomist and peanut specialist for the team, and W. W. Roath, USDA, the oilseeds breeder and sunflower specialist. This project is a follow-up to one in 1978, when an INTSOY team analyzed the Egyptian oilseeds crops situation and recommended a production project focusing on soybeans, sunflowers, and peanuts.

WID MEETING. Jean M. Due, Agricultural Economics, Burton E. Swanson, Vocational and Technical Education, Janice J. Monk, Geography, and Barbara A. Yates, Educational Policy Studies, attended a conference on the impact of development on women in the Caribbean, held February 8 and 9 at the University of Minnesota.

WHITNEY IN IRAQ. Robert McL. Whitney, Food Science, spent two weeks in Iraq during November at the invitation of the Food Science Department at the University of Baghdad. Dr. Whitney met with researchers at the National Date and Palm Institute, and presented seminars on milk proteins and their behavior at the Universities of Baghdad, Basra, Sulaimaniya, and Mosul.

KOGANS IN BRAZIL. Marcos Kogan, Agricultural Entomology, was an invited speaker at the Sixth Annual Meeting of the Entomological Society of Brazil, held February 3 to 9 in Campinas. Dr. Kogan participated in a workshop on insect rearing and nutrition, and in a symposium on soybean insect pest management. Jenny Kogan, Agricultural Entomology, presented a paper on soybean entomology information systems in Illinois.

LIBRARY CONGRESS. John W. Beecher, Agriculture Librarian, has been invited to present a paper at the Sixth World Congress of the International Association of Agricultural Librarians and Documentalists, being held in Manila, the Philippines, from March 3 to 7. The paper, which is coauthored by F. Wilfred Lancaster, Library Science, is on the state-of-the-art and future developments in agricultural libraries.

VIRUS WORKSHOP. Peter A. Burnett, currently in Plant Pathology during a study leave from the Crop Research Division of the Department of Scientific and Industrial Research (DSIR), New Zealand, attended a workshop on barley yellow dwarf virus held at CIMMYT headquarters in Mexico from January 12 to 17. The purpose of the workshop was to determine the extent of this virus problem around the world, and to examine the feasibility of initiating a cooperative international program.

FOOD SYMPOSIUM. Lun-Shin Wei, Food Science, was the oriental foods session chair at the Recent Advances in Food Science and Technology International Symposium, held in Taipei, Taiwan, from January 9 to 11.

#### *VISITORS RECENTLY ON CAMPUS*

Cinzia Forni, Experimental Institute for Cereal Research, Rome, Italy, met with faculty in Agronomy and Plant Pathology from January 18 to 23. Ms. Forni is investigating sources of resistance to *Septoria tritici* in wheat.

Georgio Semenza, Swiss Federal Institute of Technology, Zurich, met with faculty and students in Dairy Science, Food Science, Animal Science, and Nutritional Sciences from January 23 to 28. Professor Semenza presented a lecture and a seminar.

Jan de Wilde, Department of Entomology at the Agricultural University in Wageningen, the Netherlands, met with Agricultural Entomology staff on January 28. Professor de Wilde is Chair of the Governing Board of the International Center of Insect Physiology and Ecology, Nairobi, Kenya.

George E. Pringle, Assistant Director of the Puerto Rico Agricultural Experiment Station at Mayaguez, and Paul Hepperly, University of Puerto Rico at Mayaguez, were at UIUC January 24 and 25 to plan cooperative soybean research and educational programs with UIUC. John Yohe and Mary Mozynski of USAID/Washington, INTSOY Executive Committee members, and INTSOY staff also participated in the meetings.

### *VISITORS COMING TO CAMPUS*

Mr. Bhutani, Poona, India, will discuss his plans for establishing a soybean processing plant in India with Marvin Steinberg and L. S. Wei, Food Science, Sheldon Williams, Agricultural Economics, and Errol Rodda, Agricultural Engineering, during the week of March 3. Mr. Bhutani will also meet with James Smith of the Illinois Protein Corporation in Urbana, and visit equipment companies in Chicago and in Dayton, Ohio.

### *ANNOUNCEMENTS*

EASTERN CARIBBEAN EXTENSION PROJECT. UIUC is participating, along with other MUCIA-member universities, in a project to improve agricultural extension in the Eastern Caribbean and Belize. This project, to be conducted in collaboration with the various governments in that area, and the University of the West Indies, will include the development and implementation of an extension improvement plan for each of the territories, training of personnel, and strengthening the UWI Agricultural Information Unit. Three long-term and numerous short-term people will be needed during the five-year project. Those interested in more information or in participating in the project should contact R. P. Bentz at 333-2660.

CIC FIELD STUDY. February 15 is the deadline for applications for the 1980 Field Study in International Agriculture in Latin America. The estimated cost for the six-week program, which begins on June 16, is \$2,200. Late applications will be accepted if space is available. Purdue University is planning and coordinating this year's program. For more information contact Dean Campbell, 104 Mumford Hall, 333-3380, or Dr. Upson Garrigus, 332 Mumford Hall, 333-0124.

RESEARCH GRANTS AVAILABLE. The Center for Latin American and Caribbean Studies is inviting applications from graduate students and junior faculty in any discipline for Tinker Field Research Grants for the summer of 1980 in Latin America. This is an open competition to fund 6 to 13 weeks' research in Spanish- and Portuguese-speaking Latin America. Application deadline is March 17. For more information contact the Center at 1208 West California, room 250, 333-3182.

MUCIA EXECUTIVE DIRECTOR SEARCH. The Midwest Universities Consortium for International Activities, MUCIA, is searching for an Executive Director. The Consortium seeks someone familiar with international education and development, with experience with funding agencies involved in international development, and with overseas administrative experience. Send applications and nominations to John V. Lombardi, MUCIA Search Committee, Bryan Hall 205, Indiana University, Bloomington IN 47405, by mid-February.

LATIN AMERICAN REVIEW. The Outreach Office at the Center for Latin American and Caribbean Studies, UIUC, in cooperation with the University of Illinois' Public Radio Station WILL, is sponsoring a weekly, half-hour review program on politics and economics in Latin America. Produced by the Institute for Latin American Studies at the University of Texas, the Latin American Review can be heard every Saturday at 5:00 p.m. on WILL's AM band, 580 kHz.

INTERNATIONAL AGRICULTURE SEMINARS. These seminars are scheduled on Wednesdays at 4 p.m. in 426 Mumford Hall.

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| February 20 | Academic Agricultural Library Development in Nepal — J. W. Beecher, Agriculture Librarian.   |
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| April 16    | Agricultural Education in Iran — Jafar Rassi, Former Director of Extension in Iran and currently Visiting Scholar with the Bureau of Educational Research. |
| April 23    | A West African Summer: Experiences of American Teachers in Sierra Leone, Liberia, and Senegal — R. A. Corby, African Studies.                              |

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JUL 3 1980

UNIVERSITY OF ILLINOIS

# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

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March 1980 No. 22

IITA/INTSOY GERMPASM AGREEMENT. In January, a letter of agreement was signed by UIUC and the International Institute of Tropical Agriculture, Ibadan, Nigeria, for a project entitled "Production of Virus-free Tropical Soybean Germplasm." This cooperative project will provide germplasm for breeding programs in Nigeria and western Africa. Soybean lines intended for IITA are already growing at the Isabela Experiment Station of the University of Puerto Rico. Before shipment, seed samples will be planted in Urbana and closely observed for seedborne pathogens. The first seeds are expected to reach Nigeria by mid-1980.

TITLE XII ASSOCIATE REPRESENTATIVE. Earl D. Kellogg, Agricultural Economics, is serving as Associate Title XII Representative on a half-time basis. Dr. Kellogg will assist with implementation of the Title XII strengthening grant program.

HIMELICK RECOGNITION. E. B. Himelick, Plant Pathology and Illinois Natural History Survey, received the Author's Citation Award and an honorary life membership from the International Society of Arboriculture. Dr. Himelick, who recently retired as Executive Director of the society after serving for ten years, was cited for sustained excellence in publishing timely information pertaining to arboriculture.

WEI HONORED. Lun-Shin Wei, Food Science, received a certificate of appreciation for his contributions to the development and progress of the food industry in Taiwan at the Recent Advances in Food Science and Technology International Symposium, held in Taiwan in January. Another award was presented by the Chinese Institute of Food Science and Technology in recognition of the outstanding contributions made by Dr. Wei while he served as President of the Association of Chinese Food Scientists and Technologists in America.

AGRICULTURAL ENGINEERING TRAINEE. Gert Huisman, third-year student from the Agricultural College at Groningen, the Netherlands, is spending six months in the Department of Agricultural Engineering. He is working with W. Ralph Nave at the Agricultural Engineering farm to gain corn and soybean field-work experience. The program was arranged through IAESTE, the International Association for the Exchange of Students for Technical Experience.

VETERINARIAN RETURNS. Ronald D. Smith, Veterinary Pathobiology, recently returned to UIUC after completing a five-year assignment at the Instituto Nacional de Investigaciones Pecuarias in Mexico City, Mexico. Dr. Smith was project leader of a collaborative research and training program on hemotropic diseases of cattle, which was funded by a Rockefeller Foundation grant to Dr. Miodrag Ristic of UIUC's College of Veterinary Medicine, and by the Mexican government.

TITLE XII SEMINAR. Dean Richard E. Dierks, Veterinary Medicine, William N. Thompson, Title XII Representative, V. I. West and Robert Brown, Office of International Programs and Studies, and Barbara Yates, Women in Development Committee, represented the University of Illinois at a Title XII seminar held in St. Louis from January 28 to 30. The seminar focused on "AID's Rural Sector, Country Programs, and Title XII Universities" and "Development and Administration of Strengthening Grants."

WILKEN IN ASIA. Delmar F. Wilken, Agricultural Economics, was leader of the Illinois Agricultural Leaders tour to the Philippines and the People's Republic of China from January 28 to February 15. The group toured farms near Manila and communes near Peking, Shanghai, and Wushi.

McCOWEN IN PERU. Thomas A. McCowen, INTSOY's Peru Program Coordinator, was in Lima from February 11 to 21 for program planning.

SMITH IN VENEZUELA. Ronald D. Smith, Veterinary Pathobiology, lectured to participants in two short courses on ticks and tick-borne diseases. Sponsored by FAO and the Pan American Health Organization, the courses were held in Maracay, Venezuela, in November and February.

SOYBEAN RUST ASSESSMENT. James B. Sinclair, Plant Pathology, traveled in Peru, Ecuador, Costa Rica, and Brazil during February and March to assess the soybean rust situation in those countries. He met with soybean pathologists, and in Brazil, participated in the mid-term review of thesis research done by Ray Cerkauskas, a UIUC plant pathology graduate student.

BEAN/COWPEA GRANT. Jean M. Due, Agricultural Economics, will be in Malawi and Tanzania from March 7 to 22 as part of a team sponsored by the BIFAD/USAID Bean/Cowpea planning grant to Michigan State University. The team will meet with Ministry of Agriculture personnel to discuss bean and cowpea production.

LIBRARY DONATION. David Gottlieb, Plant Pathology, donated 19 volumes of the journal Mycologia to the Plant Pathology Library at the Federal University of Vicosa, Brazil. UIUC's Plant Pathology department signed a cooperative agreement with the Federal University several years ago.

GARCIA IN SPAIN. Philip Garcia, Agricultural Economics, left in early March for a three-month assignment at the Universidad Autonoma de Madrid. Sponsored under a MUCIA memorandum of agreement, Dr. Garcia will lecture on international trade and market and price analysis.

EXPORT BOARD. William N. Thompson, who serves as chair of the Illinois Agricultural Export Advisory Board, participated in a meeting of the Board in Chicago on February 20. The next meeting of the Board will be at UIUC on April 23.

#### *VISITORS RECENTLY ON CAMPUS*

Bup Phae Kim and Won Chae Chung, Chungbuk National University in Korea, were at UIUC the week of February 4. They visited the poultry research facilities, and met with D. E. Alexander, Agronomy, and S. M. Lim, Plant Pathology.

Representatives of the Government of Indonesia and the U.S. Agency for International Development visited UIUC on February 14 to discuss a project to strengthen Sumatran agricultural universities. UIUC is one of three U.S. universities being considered to assist with this project. Visitors were Dr. Yuhara Sukra and Dr. Soikisno Hadikoemoro, Indonesia; S. Clayton Seeley, AID/Jakarta; and Charles Aanenson and William E. Gohn, AID/Washington.

K. E. Harshbarger, Director of MUCIA's Indonesian Higher Agricultural Education Project and formerly Head of Dairy Science at UIUC, was on campus in mid-February. He met with V. I. West, MUCIA Liaison Officer, and W. N. Thompson, OIA.



### *VISITING RESEARCHERS*

Robert L. Batterham of the University of Sydney, Australia, is spending his sabbatical leave in the Department of Agricultural Economics. Dr. Batterham, an alumnus of UIUC, will be here through July.

Allan Bane of the College of Veterinary Medicine, Swedish University of Agricultural Sciences, arrived at UIUC in February to spend four months as a George A. Miller Fellow in the Departments of Veterinary Clinical Medicine and Veterinary Biosciences. Dr. Bane will participate in research projects on animal reproduction and will also advise graduate students.

### *VISITORS COMING TO CAMPUS*

Chao-chin Wang, a soybean researcher working with International Voluntary Services in Honduras, will meet with staff in Agronomy, Plant Pathology, Agricultural Entomology, and INTSOY from April 7 to 11.

Ms. S. Baghirathi and Ms. Veena Goel, participants in the Fulbright-supported Indian Education Administrators Project, will meet with Homer Buck, Illinois Natural History Survey, on April 11, and with Agricultural Engineering, Food Science, Agricultural Education, and Cooperative Extension Service staff from April 14 to 17.

*WOMEN IN DEVELOPMENT SEMINARS.* These seminars will be held in room 426 Mumford Hall at 3:00 p.m.

- March 13    Methods for Delivery of Extension Services to Women in Rural Areas of the Caribbean — Cindy Smith, Extension Education.
- March 25    Indian Women's Role in Economic Development: A Critique of Boserup — Cheryl Pomeroy, Anthropology.

*INTERNATIONAL AGRONOMY SEMINARS.* These seminars are scheduled on Tuesdays at noon in room N-107 Turner Hall:

- March 25    Agriculture in Nepal — Tim Kelly and Uma Gupton, Agronomy.
- April 8    Agricultural Geography of the Caribbean — John Thompson, Geography.
- April 15    The Economic Setting for the MUCIA Caribbean Development Project — Earl D. Kellogg, Agricultural Economics.

*INTERNATIONAL AGRICULTURE SEMINARS.* These seminars are scheduled on Wednesdays at 4:00 p.m. in 426 Mumford Hall:

- March 12    Partners of the Americas: Illinois/Sao Paulo, Brazil, Partnership — A. J. Siedler, Food Science.
- March 19    The Winter Vegetable Industry in Mexico — J. S. Vandemark, Horticulture, Emeritus.
- March 26    An Update on UIUC Involvement in Belize — W. D. Buddemeier, International Agriculture, Emeritus.
- April 9    Food, Agricultural Development, and Politics in the Middle East — M. G. Weinbaum, Political Science.
- April 16    Agricultural Education in Iran — Jafar Rassi, Former Director of Extension in Iran and currently Visiting Scholar with the Bureau of Educational Research.
- April 23    A West African Summer: Experiences of American Teachers in Sierra Leone, Liberia, and Senegal — R. A. Corby, African Studies.

## ANNOUNCEMENTS

SOYCRAFTERS CONFERENCE. The Third Annual Soycrafters Association Conference will be held at UIUC from July 9 to 13. It is sponsored by the Soycrafters Association of North America in conjunction with the USDA Northern Regional Research Center, Peoria, and INTSOY.

SPANISH 199. The Department of Spanish, Italian, and Portuguese, in conjunction with the College of Agriculture, is offering a new Spanish 199 course in the Fall 1980 semester. Intended for students interested in acquiring Spanish oral competency in the general areas of food, agriculture, nutrition, and rural development, the course is designed to present relevant vocabulary and scientific terminology as well as a strong cultural component. For more information contact the Department of Spanish, Italian, and Portuguese, 4080 Foreign Language Building, 333-3390, or the Office of International Agriculture, 113 Mumford Hall, 333-6420.

FULBRIGHT OPPORTUNITIES ABROAD. Application deadline is June 1 for Fulbright awards for university teaching and advanced research. Agricultural and veterinary awards available are:

Kenya — veterinary anatomy, agricultural engineering  
Malawi — agricultural engineering  
Nigeria — animal virology  
Venezuela — agricultural economics  
Zambia — agricultural economics

For more information contact the Office of International Agriculture, 113 Mumford Hall, 333-6420.

The International Agriculture Newsletter is published monthly by the Office of International Agriculture, 113 Mumford Hall, University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items. The College of Agriculture provides equal opportunities in programs and employment.

**Office of International Agriculture  
College of Agriculture  
University of Illinois at Urbana-Champaign  
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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

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April 1980 No. 23

CIC FIELD STUDY. Joe McIntosh, an undergraduate in Agronomy, is one of nineteen students from five universities participating in the summer 1980 CIC Field Study in Latin American Agriculture. Visits will be made in Brazil, Colombia, and Peru under the leadership of Purdue University.

SPANISH 199, UNDERGRADUATE OPEN SEMINAR. Entitled "Introduction to the Language and Cultures of Spanish America for Agriculture and Related Fields," this course is offered in fall 1980. It will meet Monday through Thursday at 3:00 p.m. in room G46 Foreign Language Building, Tom Lundgren instructor. Four hours credit will be given. Faculty advisers are requested to call this new course to the attention of students.

INTERSESSION LANGUAGE CLASSES. The two Spanish-language groups currently meeting will have intersession programs from May 19 to June 6, and qualified newcomers are welcome. Tentative plans have been made for a beginning-level French-language class. For more information contact the Office of International Agriculture, 113 Mumford Hall, 333-6420.

SUMATRAN PROJECT. The University of Kentucky was selected to assist in planning and implementing the Title XII Sumatran Universities Agricultural Education Project.

DO YOU SPEAK ARABIC? The National Association of State Universities and Land-Grant Colleges is developing a roster of people who might serve as consultants in Arabic-speaking countries. Registration is limited to those with at least a fair Arabic-language competence and a bachelor's degree in agriculture, broadly defined to include veterinary medicine, forestry, home economics, etc. Please contact the OIA if you would like to be included in the roster.

VIROLOGY RESEARCHER. Masato Ikegami of the Biochemistry Department of Kinki University Medical School, Japan, recently joined Plant Pathology as a post-doctoral research associate. Dr. Ikegami is working on Robert M. Goodman's USDA competitive grant project "Characterization of the Genome and Replication of a Single-Stranded DNA Plant Virus."

PROJECT REVIEW. The UIUC/Instituto Nacional de Investigaciones Pecuarias, Mexico, research project on hemotropic diseases of cattle was reviewed in late February in Mexico City. Attending from UIUC's College of Veterinary Medicine were: Richard E. Dierks, Miodrag Ristic, Michael G. Levy, Mark A. James, Ronald D. Smith, Heberto Esparza, Sonia H. Montenegro, and M. David Preston. John A. Pino, Director of Agricultural Sciences at the Rockefeller Foundation, W. I. M. McIntyre of the University of Glasgow, Scotland, and Julius P. Kreier, Ohio State University, also participated in the review.

VETERINARY MEDICINE PROJECTS. Miodrag Ristic, Veterinary Medicine, met with the Venezuelan Ambassador in Washington, D.C., in mid-March. They discussed a possible joint program between the University of the Occidental Region's College of Veterinary Medicine at Barquisimeto, and UIUC's College of Veterinary Medicine for research and training on blood diseases of cattle. While in Washington, Dr. Ristic also met with the Director of Walter Reed Army Institute of Research to discuss extension of a research program on rickettsial diseases of dogs and humans in southeast Asia.

DIXON IN CANADA. Bruce L. Dixon, Agricultural Economics, presented a seminar on "The Use of Random Parameter Regression Models for Hog Supply Modeling for North America" and lectured to a graduate-level class on the uses of optimal control theory in agricultural economics at the University of Guelph in late February.

FRUIT TREE MEETINGS. R. K. Simons, Horticulture, presented a paper entitled "Graft Union Patterns in M.26 and Other Apple Rootstocks" at the International Dwarf Fruit Tree Association meeting held February 26 to 29 in Kalamazoo, MI.

HOOKEE IN CANADA. A. L. Hooker, Plant Pathology, was in Guelph, Ontario, on February 28 and 29. He presented a lecture on corn diseases and their genetic control as part of a Plant Breeding Technician's Training Program sponsored by the Ontario Agricultural College, the University of Guelph, and the Ontario Ministry of Agriculture and Food. Dr. Hooker also met with staff and students in the departments of Crop Science and Environmental Biology at the University of Guelph.

TURFGRASS CONFERENCE. L. A. Spomer, Horticulture, was the keynote speaker at the Western Canada Turfgrass Association's Annual Conference in Victoria, British Columbia, March 2 to 6.

SANTAS IN SOUTH AMERICA. John W. Santas, International Agriculture, was in Ecuador in early April to develop a training subproject with the Instituto Nacional de Investigaciones Agropecuarias (INIAP) and USAID/Ecuador under the Title XII program. Dr. Santas was also in Bogota, Colombia, to finalize INTSOY plans for a soybean production course for research, production, and extension personnel from all Spanish-speaking countries with the Instituto Colombiano Agropecuario (ICA), to be held in late 1980.

MUELLER TO CANADA. Allan G. Mueller, Agricultural Economics, was an invited speaker at the Manitoba Hog Producers Annual Meeting in Winnipeg, held April 8 to 10. Dr. Mueller spoke on the U.S. hog industry and its relation to the Canadian industry.

SOYBEAN PROJECT. Robert M. Goodman, Plant Pathology, and Michael E. Irwin, Agricultural Entomology, will assist the Peru/INTSOY soybean project during the last half of April. Dr. Goodman will conduct a survey of soybean virus diseases with emphasis on those that accumulate in seed sources, begin a photographic file of disease symptoms for use in Peruvian extension publications, and advise the project on ways to avoid virus disease losses. Dr. Irwin will work with insect pest management projects in the high selvas and will initiate a subproject to validate dosage levels of recommended insecticides for supervised control. Dr. Goodman will travel to Colombia to discuss soybean diseases with ICA personnel at Palmira and Bogota, and whitefly-transmitted viruses of tropical legumes with CIAT scientists in Cali.

JACKOBS IN SRI LANKA. Joseph A. Jackobs, Agronomy, and desk officer for the UNDP/FAO/INTSOY Sri Lanka Soybean Development Program, will be in Sri Lanka from April 14 to 25.

PAXTON TO GREECE. Jack D. Paxton, Plant Pathology, will participate in a NATO Advanced Study Institute on active defense mechanisms in plants being held in Cape Sounion, Greece, from April 20 to May 5.

#### *SEMINARS*

- April 11    Agricultural Development and Rural Backwardness: The Dilemmas of Brazil's Agricultural Sector — Douglas H. Graham, Agricultural Economics, Ohio State University. 3:30 p.m. in 130 Commerce West.
- April 16    Agricultural Education in Iran — Jaffar Rassi, Former Director of Extension in Iran and currently Visiting Scholar with the Bureau of Educational Research. 4:00 p.m. in 426 Mumford Hall.
- April 23    Outlook of Forestry and Reforestation Programs in the People's Republic of China — Wen-Yue Hsuing, National College of Forestry and Forest Products, Nanking, PRC. 2:00 p.m. in 426 Mumford Hall.
- April 23    A West African Summer: Experiences of American Teachers in Sierra Leone, Liberia, and Senegal — R. A. Corby, African Studies. 4:00 p.m. in 426 Mumford Hall.
- May 5       Inheritance of Resistance in Tropical Soybeans to Soybean Mosaic Virus — Glenn Bowers, Plant Pathology. 4:00 p.m. in W-115 Turner Hall.
- May 8       How People Live and Work in China — Delmar F. Wilken, Agricultural Economics. 3:00 p.m. in 426 Mumford Hall.

*WID FILMS/DISCUSSIONS.* These films, shown Tuesday evenings at 7:30 p.m. in 140 Lincoln Hall, will be followed by discussions:

- April 15    Boran Women; Afghan Women
- April 22    Three Island Women; Andean Women

#### *VISITORS RECENTLY ON CAMPUS*

Segun Olusanya of the Department of Veterinary Physiology and Pharmacology, University of Ibadan, Nigeria, spent February 1 to March 13 in Veterinary Medicine. Dr. Olusanya and Everett H. Heath, Veterinary Biosciences, coedited a text on livestock anatomy and physiology, and cooperated in laboratory research.

Mohamed El Hedi Naouali, Associate Peace Corps Director in Tunisia, and Mylen Bohle, a Peace Corps volunteer in Tunisia, were on campus March 12. They met with faculty of the Colleges of Agriculture and Education.

A group of agriculturalists from Kiel, West Germany, visited Agricultural Engineering and university farms on March 13 and 14. They also toured dairy, beef, and hog farms in the Springfield and Eureka areas.

# *VISITORS COMING TO CAMPUS*

Clifford Grey, assistant director of the veterinary division of the Jamaica Ministry of Agriculture, will spend a week during mid-April working with Lyle Hanson, Veterinary Medicine, on leptospirosis diagnosis techniques.

Wen-Yue Hsuing, Head of the Department of Forestry, National College of Forestry and Forest Products, Nanking, People's Republic of China, and currently a visiting professor at the University of Idaho, Moscow, will visit UIUC on April 23 and 24. Poo Chow, 211 Mumford Hall, 333-6670, is coordinating his visit.

A delegation from the University of Maiduguri, Nigeria, will visit UIUC on April 27 and 28 to finalize a linkage agreement in the areas of agriculture and professional staff training.

Olle Pettersson, Swedish University of Agricultural Sciences, will be at UIUC on May 5 and 6 investigating the impact of agriculture and forestry on the environment. His program is being arranged by T. D. Hinesly, N-225 Turner Hall, 333-4250.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

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May 1980 No. 24

FOREIGN LANGUAGE INTERSESSION CLASSES. The intermediate and advanced classes of Spanish for agriculturalists will meet from 8:00 a.m. to noon beginning May 12. A beginning-level Spanish intersession is scheduled for January 1981, and it is anticipated that French-language instruction will begin in May 1981. For more information contact the Office of International Agriculture, 113 Mumford Hall, 333-6420.

PARTNERS OF THE AMERICAS. Stephen G. Bunker, Department of Sociology and member of the Center for Latin American and Caribbean Studies, has been designated Liaison Officer to the Illinois/Sao Paulo Partners of the Americas Program. Faculty members with previous experience in the program or with interest in future activities are encouraged to contact Dr. Bunker at 326 Lincoln Hall, 333-6100.

VETERINARY MEDICINE RESEARCHER. Kjell Larsson, Royal Veterinary College in Sweden, recently began a six-month sabbatical in the College of Veterinary Medicine's Departments of Veterinary Biosciences and Veterinary Clinical Medicine. Dr. Larsson, a pioneer in deep-freezing boar semen for artificial insemination, will share his expertise in this area. He will also work on estrogen synthesis in the bovine placenta and its relationship to the problem of retained placentas.

BENTLEY OVERSEAS. While on administrative leave this spring, Dean Orville G. Bentley met with the Chancellor of the University of Puerto Rico and visited the INTSOY-University of Puerto Rico, Mayaguez Campus, project. At the invitation of Ain Shams University in Egypt, Dean Bentley visited that campus to discuss establishing exchanges. The Dean was also an official U.S. delegate to the Conference on Security and Cooperation in Europe, held in Hamburg, Germany. Participating in the working body on food production, he submitted a paper on scientific exchange and technology transfer.

INTEGRATED CROP PROTECTION. Michael E. Irwin, Agricultural Entomology, has been designated leader of a Latin American Integrated Crop Protection Site Team. The team will travel to Guatemala, Costa Rica, Colombia, and Peru during May. Sponsored by a Title XII planning grant to Purdue University, the purpose is to identify protection constraints to small-farm cropping systems that could be researched through collaborative projects between U.S. universities and institutions in developing countries. Other team members are: Fred Warren, weed scientist, and D. B. Broersma, entomologist, Purdue University; James M. McGrann, agricultural economist at Texas A&M University; and Richard E. Stuckey, plant pathologist at the University of Kentucky.

SOIL MANAGEMENT RESEARCH. William M. Walker, Agronomy, will represent UIUC at the Soil Management Collaborative Research Support Program (CRSP) meeting being held at North Carolina State University on May 28 and 29. Dr. Walker will also attend meetings of the International Board on Soil Resources Management on May 26 and 27 at NCSU.

INTERNATIONAL TRADE WORKSHOP. Lowell D. Hill, Agricultural Economics, attended a workshop in Washington, D.C., sponsored by the General Sales Manager of the Foreign Agricultural Service, USDA, on April 10. Participants examined the economic implications of an international grain cartel. Consensus was that although export prices for U.S. grains could be increased, there are many impediments to developing an effective cartel.

BUTLER SABBATICAL. B. Jack Butler, Agricultural Engineering, will visit research institutions and organizations in England from April 28 to June 10 to review current research on controlled droplet application (CDA) of agricultural chemicals. CDA research is directed towards achieving uniform drop size rather than the broad spectrum of drop sizes produced by nozzles now in use.

SOYBEAN VARIETY TRIALS. William H. Judy, Agronomy, was in Puerto Rico the week of April 26 to discuss INTSOY's breeding plans with Luis Camacho, INTSOY breeder stationed in Peru, and with Puerto Rico staff. Dr. Judy also discussed joint research in the soil microbiology program.

INTERNATIONAL ACTIVITIES SEMINAR. V. I. West, OIPS, attended a MUCIA-sponsored seminar on strengthening international careers, held in Madison, Wisconsin, on May 1 and 2. Presentations were made by USAID representatives.

LIVESTOCK WASTES SYMPOSIUM. A. J. Muehling, J. N. Scarborough, and D. L. Day, Agricultural Engineering; R. R. Kravets, Food Science; and M. B. Rorick, Dairy Science, attended the International Symposium on Livestock Wastes, held April 14 to 17 at Amarillo, Texas. A. J. Muehling was chair of the Executive Committee. Five papers authored by College of Agriculture staff were presented: Odor Control for a Farrow-to-Finish Swine Farm — A Case Study, by W. Korsmeyer, M. D. Hall, and T. H. Chen; Electrochemical Conversion of Liquid Manure into Protein and Hydrogen, by R. R. Kravets, D. L. Zierath, M. P. Steinberg, and D. L. Day; Performance and Design of Vegetative Filters for Feedlot-Runoff, by E. C. Dickey and D. H. Vanderholm; Evaluation of Products for Reducing Odors and Solids in Liquid Swine Manure, by D. H. Warburton, J. N. Scarborough, D. L. Day, A. J. Muehling, A. H. Jensen, and S. E. Curtis; and Performance of a Perforated Pressure Roller Solid-Liquid Separator on Dairy Manure, by M. B. Rorick, D. J. Warburton, S. L. Spahr, and D. L. Day.

LIBRARY MATERIALS NEEDED. Educators in Uganda have sent two requests for library material. Makerere University needs books and journals in all subject areas. The Ministry of Education has requested books at all educational levels for use in the reconstruction and rehabilitation of formal education in Uganda. V. I. West, 3019 Foreign Language Building, 333-1993, will assist with transportation of materials.



*Visitors Coming to Campus.* If you wish to meet with any of these visitors, contact John W. Santas, 113 Mumford Hall, 333-3638.

Ten Swedish agriculturalists, all members of supply and marketing cooperatives, will meet with Agricultural Economics staff on May 30.

Achjani Atmakusuma, Director of Research and Public Service in the Ministry of Education and Culture, Indonesia, will be a MUCIA Distinguished Visitor at UIUC from May 14 to 20. Dr. Achjani will spend two days meeting with Cooperative Extension Service, Agricultural Experiment Station, and other interested staff in the College of Agriculture.

*Visitors Recently on Campus*

Gerard Rocquelin, Ministry of Agriculture, Dijon, France, visited staff and facilities at the Burnsides Research Laboratory on May 5 and 6.

John M. Yohe, USAID/Washington Development Support Bureau, Carl W. Lawhead, John R. Thomas, Sara J. Schwartz, and Dan Stillman, USAID International Development interns, visited UIUC on May 6 and 7. They participated in a seminar on career opportunities in overseas development assistance, and met with INTSOY staff.

D. P. Singh, former Vice-Chancellor of the G. B. Pant University of Agriculture and Technology, India, met with staff in the College of Agriculture and presented a seminar entitled "The Green Revolution and Agricultural Universities in India" on April 30.

Six French agriculturalists, escorted by George Forgey, Chair of the Agriculture Department at Illinois State University, Normal, visited UIUC on April 17. They met with Donald E. Becker, Animal Science, A. W. Burger, Agronomy, J. R. Roush, Agricultural Economics, and W. R. Oschwald, Cooperative Extension Service, and toured the automated dairy unit with Sidney L. Spahr.

Ir. Freerk deBoer, Director of the Institute for Livestock Feeding and Nutritional Research at Lelystad, the Netherlands, met with Animal Science and Agricultural Engineering staff on April 25.

GAMBIA PROJECT. USAID has asked MUCIA to submit a technical proposal on mixed family and resource management in the Republic of the Gambia, West Africa. The project will examine crop and livestock production and management, agricultural education, and extension programs. Agricultural economists, rural sociologists, and agronomists will be needed for this five-year program, which is scheduled to begin in December 1980. For more information contact V. I. West, 3019 Foreign Language Building, 333-1993.

EGYPTIAN HIGHER EDUCATION TRAINING BILL. MUCIA and four other university consortia are submitting a proposal to USAID and the Government of Egypt to administer a program bringing 1,900 Egyptian students to U.S. universities. The five-year program will need a director, a liaison in Cairo, and a regional director for each consortium. Contact V. I. West, 3019 Foreign Language Building, 333-1993, for more information.

FULBRIGHT OPPORTUNITIES ABROAD. Applications for Fulbright awards for university teaching and advanced research are due June 1 for American Republics, Australia, and New Zealand, and July 1 for Africa, Asia, and Europe. Agricultural and veterinary awards available include:

Argentina — agricultural sciences, soil science  
Australia — virology, plant physiology, soil science  
Austria — botany  
Congo — agronomy  
Denmark — plant biochemistry  
Dominican Republic — agribusiness  
Ecuador — botanical/ecological research  
Egypt — entomology  
India — applications accepted in all fields of natural and applied sciences  
Ireland — dairy/food microbiology, agricultural engineering, dairy science  
Ivory Coast — animal physiology  
Nicaragua — agricultural economics  
Portugal — plant physiology  
Sri Lanka — animal/veterinary sciences  
USSR — biology/botany  
Venezuela — agricultural economics

For more information contact the Office of International Agriculture, 113 Mumford Hall, 333-6420.

ADVANCED RESEARCH IN INDIA. Applications are due July 1 for the Indo-American Fellowship Program. The program objective is to draw into educational exchange individuals who are not India specialists but whose disciplinary or professional skills can be enhanced by the opportunity to carry out research in India. For more information contact the Office of International Agriculture, 113 Mumford Hall, 333-6420.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

June 1980 No. 25

## SPANISH LANGUAGE INTERSESSION DATES

Beginning-level classes of Spanish for agriculturalists will meet mornings from December 15 through 19, 1980, and January 5 through 16, 1981. An advanced section will also meet, and qualified newcomers are welcome. To enroll or obtain more information contact the Office of International Agriculture, 113 Mumford Hall, 333-6420.

## PLANT PROTECTION TEAM TO PRC

Richard E. Ford, Plant Pathology, and Fred W. Slife, Agronomy, are the University of Illinois members of a Plant Protection Team which will visit Beijing, Nanjing, Shanghai, Hangzhou, and Guangzhou (Canton) in the People's Republic of China during July. The team will examine weeds, insects, and diseases that cause problems in the cropping systems of S.E. China, and study Chinese methods of integrated pest management. This is a reciprocal tour for a Chinese Plant Protection Team that visited UIUC last August.

Other team members are: Bill Tweedy, plant pathologist, Ciba-Geigy; Ed Glass, entomologist, Cornell University; Richard Chapman, entomologist, University of Wisconsin; David Schlegel, Dean, College of Agriculture and plant pathologist, University of California, Berkeley; Lewis Weathers, plant pathologist, University of California, Riverside; James Horsfall, retired entomologist, Connecticut Agricultural Experiment Station; Howard Bissonnette, plant pathologist, University of Minnesota; and David E. Bayer, weed scientist, University of California, Davis.

## IITA/INTSOY GERmplasm PROJECT UPDATE

In early June, 80 tropical and sub-tropical soybean lines from maturity groups V, VI, and VII were planted at the Texas A&M Agricultural Experiment Station, Beaumont. These lines will be used in the INTSOY/International Institute of Tropical Agriculture, Ibadan, Nigeria, project on the production of virus-free germplasm. The soybeans in maturity groups VIII, IX, and X, planted last December in Puerto Rico, were recently sent to IITA.

## INTSOY SHORT COURSES

Eleven students are enrolled in the 1980 Technical and Economic Aspects of Soybean Production course. Instruction began May 19 and will continue through August 15. Attending are: Lewis R. Msika, Zimbabwe Rhodesia; Lech R. Boros, Poland; Abd El Ghany Sharaf, Egypt; Sulieman Dawood, Iraq; Josué Pierre, Haiti; Goli Ankon and Kouame Komenan, Ivory Coast; and Gamalathge A. Gunatilaka, Tharmalingam Ramachandra, Kulasiri Ranawerra, and Mervyn R. Yainne, Sri Lanka.

Soybean Processing for Food Uses begins on June 16 with approximately 16 participants enrolled from 12 countries.

INTSOY, in collaboration with the Instituto Colombiano Agropecuario (ICA), will again sponsor a three-week soybean production course for Spanish-speaking agricultural extension agents. Held in Palmira, Colombia, classes will begin on November 24.

## EAST-WEST CENTER

After participating in a USDA-sponsored program review at the University of Hawaii in April, Ellery L. Knake, Agronomy, visited the East-West Center. Dr. Knake investigated Center programs that relate to Title XII interests in agriculture, food, nutrition and rural development. He would be glad to discuss his findings. Dr. Knake can be contacted at N-323 Turner Hall, 353-4424.

## *CONFERENCES, CONGRESSES, AND SYMPOSIA*

Jack R. Harlan, Agronomy, presented a keynote address entitled "Ecological Settings for the Emergence of Agriculture" at the Weeds and Wild Plants in the Ecology of Crop Pests and Diseases Symposium. Held at the University of York, England, from April 14 to 17, the symposium was sponsored by the Association of Applied Biologists, the British Ecological Society, and the Federation of British Plant Pathologists.

James E. Corbin, Animal Science, presented a paper on new developments in dog and cat nutrition at the Sixteenth Annual Nutrition Conference for Feed Manufacturers, held at the University of Guelph, Canada, on April 29 and 30.

Edna G. Bay, UIUC Women in Development Committee Chair, and Corrine Glesne, Educational Policy Studies, participated in a MUCIA/WID network meeting at the University of Iowa on May 6 and 7. Panelists discussed the impact on development policy by the World Conference of the UN Decade for Women.

Raymond M. Leuthold, Agricultural Economics, was in Ottawa, Canada, from May 21 to 23 to participate in a symposium entitled Econometrics Modeling and Forecasting for Agriculture.

John E. Garst, Animal Science, spoke on pulmonary toxicity of naturally occurring dietary components at the International Conference on Oxygen and Oxyradicals, held at Austin, Texas, the week of May 25.

Borje K. Gustafsson, Veterinary Clinical Medicine, participated in the International

Prostaglandin Symposium, held in Uppsala, Sweden, on June 2.

James B. Sinclair, Plant Pathology, will travel to Austria, India, Nepal, Sri Lanka, Thailand, and Taiwan during June and early July. He will present an invited paper entitled "Fungicide Sprays for the Control of Seedborne Pathogens of Rice, Soybeans, and Wheat" at the Nineteenth International Seed Testing Congress in Vienna, Austria.

In New Delhi, India, he will meet with soybean researchers from the Indian Agricultural Research Institute and the Indian Council of Agricultural Research to review the All-India Soybean Research Project. Dr. Sinclair will meet with soybean researchers to assess stand establishment problems, assist in the evaluation of soybean seed treatment trials, and help develop a disease loss assessment research program in Nepal.

He will plan for the upcoming conference on Soybean Seed Quality and Stand Establishment to be held in Sri Lanka in January 1981. In Thailand, he will meet with Ministry of Agriculture and Kasetsart University personnel to discuss soybean rust, and pest and disease losses of soybeans. And in Taiwan, he will review dissertation research progress of C. C. Y. UIUC Plant Pathology graduate student currently conducting research at the Asian Vegetable Research Development Center.

William N. Thompson, Thomas A. McCowen, and John W. Santas, Office of International Agriculture, and George K. Brinegar, Office of International Programs and Studies, participated in the annual meetings of the Association of U.S. Directors of International Agricultural Programs, held in Manhattan, Kansas, from June 4 through 6.

Borje K. Gustafsson, Theodore F. Lock, Mushtaq A. Memon, Randall S. Ott, William A. Wagner, and Howard L. Whitmore, Veterinary Medicine, will present a total of fifteen papers at the Ninth International Congress on Animal Reproduction and Artificial Insemination, being held in Madrid, Spain, from June 16 to 20.

continued)

Smart Backstrom, Robert A. Crandell, Egg BeVier, and Borje Gustafsson, Veterinary Medicine, will participate in the International Pig Veterinary Congress, Copenhagen, Denmark, from June 30 to July 3.

#### VISITORS COMING TO CAMPUS

Shi Wu, plant pathologist at the National Taiwan University, Taipei, will end July studying seed pathology techniques in the laboratory of James B. McClair, Plant Pathology.

David Scarisbrick, Faculty of Agriculture at the University of London, England, will visit UIUC July 9 and 10. Professor Scarisbrick is interested in corn genetics.

#### VISITORS RECENTLY ON CAMPUS

William Andrews of the Plant Science Department at the University of Alberta, Canada, met with faculty in Horticulture April 15.

Jack Sachs, a veterinarian from Israel, spent the month of May working on hormone synthesis in the placenta of the dairy cow with William C. Wagner, Veterinary Biosciences. Kjell Larsson, a Swedish veterinarian on sabbatical at UIUC, also participated in the project.

L. Nene, ICRISAT, India, met with staff in Plant Pathology from May 6 to 10. Dr. Nene presented a seminar on chickpea research at the International Crops Research Institute for the Semi-Arid Tropics.

V. R. Reddy, also a plant pathologist at ICRISAT, visited Plant Pathology on June 2 and 3.

Gene Ludo, a processing engineer with Demmoortele Co., Belgium, met with Marvin P. Steinberg, Food Science, on May 13 to discuss soybean processing.

Is Camacho, INTSOY/Peru, met with INTSOY staff on June 9 and 10.

Joanna Marcinkowska, a plant pathologist at Warsaw University, Poland, discussed soybean diseases and soy production with Plant Pathology staff, and with Richard L. Bernard, Agronomy, from May 7 to 10. Dr. Marcinkowska's program was arranged by S. M. Lim, Plant Pathology.

Ranjan Wijeratne, Sri Lanka Secretary of the Ministry of Agricultural Development and Research, visited INTSOY staff and projects on May 19 and 20.

MohiyEiDin Abdel Samie, Microbial Chemistry Laboratory of the National Research Center, Dokki, Egypt, visited UIUC on May 21 and 22. He is planning a multidisciplinary project on biogas and other fuels from livestock wastes for farm use in Egypt.

James Ross, U.S. Agricultural Attache in Cairo, Egypt, presented a seminar on careers in the Foreign Agriculture Service on May 27.

J. S. G. Joubert, Deputy Director of Agricultural Production Economics, D. H. J. Coetzee, Deputy Director of Agricultural Marketing, South Africa, and F. R. Tomlison, Director of the South African Maize Specialty Organization (SAMSO), visited Agricultural Engineering on June 2.

Jean-Louis Dagenais, André Charland, and Jean-Claude Dufour, a government of Quebec agricultural mission, met with Errol D. Rodda and others in Agricultural Engineering on June 6. They were interested in cereal storage, especially corn, and in corn drying techniques.

A five-member Tractor Testing Facilities and Procedures Team from the People's Republic of China were at UIUC from June 8 to 10. They were accompanied by Philip Sutton, USDA.

Forty-five French agriculturalists, representing Ciba-Geigy Corporation, toured UIUC agronomy research facilities on June 13.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

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JUL 23 1980

July 1980 No. 26

## TITLE XII REPORT

Copies of UIUC's Title XII Strengthening Program annual report are available from the Office of International Agriculture, 113 Mumford Hall, 333-6420.

## AGREEMENT SIGNED WITH BRAZIL

UIUC and the Universidad Federal de Santa Maria, Brazil, have signed an academic interchange agreement focusing on agricultural economics, rural sociology, and agricultural education. For more information contact Earl D. Kellogg, 310 Mumford Hall, 333-1253.

## VISITING RESEARCHERS

Masanobu Janado, Kyoto Women's University, is a visiting professor in Food Science from July 1 to September 30. He will work with Toshiro Nishida, Food Science, on the role of cooperatively hydrated water in hydrophobic interactions. Dr. Janado is an alumnus of UIUC.

Eleven Korean scholars from Chungbuk National University in Korea will spend three months on campus this summer. This is the first of a series of visits by Chungbuk University staff. They will visit classes, meet faculty, conduct research and observe various administrative activities. Two weeks will be spent at UICC and UIMC.

Oh Moo-Young, an agricultural engineer, is one member of the current team. Robert E. Brown, OIPS, 3019 Foreign Language Building, 333-1990, is arranging their schedule.

M.N. Malhotra, India, and Lionel Wanduragala, Sri Lanka, are studying techniques for control of tick-borne diseases of cattle in Miodrag Ristic's Veterinary Medicine laboratory. Dr. Wanduragala will be here for one year and Dr. Malhotra for six months. The program was arranged through the National Academy of Science and the International Atomic Energy Commission, Vienna, Austria.

Toby Wickens, a corn breeder from South Africa, is a visiting scholar in Agronomy from May 25 to September 25. Dr. Wickens office is S-122 Turner Hall, 333-4254.

## STAFF INTERNATIONAL ACTIVITIES

David H. Baker, Animal Science, was on a lecture tour of West German universities during June. Sponsored by Degussa Corporation, a West German chemical company, Dr. Baker spoke on the role of unconventional amino acids and amino acid analogs in nutrition.

Earl D. Kellogg and Bruce L. Dixon, Agricultural Economics, will travel to Sri Lanka in mid-August under Title XII sponsorship to discuss adapting programs in quantitative analysis and agricultural marketing to less-developed countries. While there, Dr. Kellogg will meet with Edward Suraweera, a UIUC Agricultural Economics graduate student who is starting thesis research on ways to improve protein intake in the Sri Lankan diet.

Stanley E. Curtis, Animal Science, and Arthur J. Muehling, Agricultural Engineering, addressed the Alberta Pork Congress, Canada, on June 10 and 11. Dr. Curtis spoke on how to keep baby pigs alive, and Dr. Muehling on housing systems for gestating and lactating sows. Dr. Curtis also consulted with the University of Saskatchewan's Animal Science and Veterinary Infectious Disease Organization (VIDO) staff on June 12 and 13.

Richard H. Hageman and William L. Ogren, Agronomy, will participate in an exchange of Japanese and U.S. scientists interested in carbon-nitrogen interactions as it relates to crop productivity. Dr. Hageman and W. A. Jackson, North Carolina State University, Raleigh, will visit Japan for two weeks in July and August. Dr. Ongren and L.E. Schrader, University of Wisconsin, Madison, will travel in 1981. The last team member, T. Sinclair, University of Florida, Gainesville, will visit Japan in 1982. The exchange is sponsored by the National Science Foundation and the Japanese National Research Council.

Miodrag Ristic, Veterinary Medicine, lectured on newly developed methods for *in-vitro* cultivation for *Babesia bovis* and implementation of cell culture-derived antigens for development of inactivated vaccine against babesiosis at the Merieux Institute for Animal and Human Disease Research in Lyon, France, from June 2 to 4.

Chester B. Baker, Agricultural Economics, will spend 8 months in Australia beginning this August as a Fulbright-Hays Senior Scholar. Dr. Baker will investigate financial aspects of risk management in agriculture while at the University of Melbourne and at LaTrobe University, Melbourne.

Stewart Tuckey, professor emeritus in Food Science, returned to Morocco in June to initiate a small, modern dairy operation he had planned last year. Located at Fez, the dairy plant produces yogurt, cultured buttermilk, and filtered ice cream.

Philip J. Dziuk, Animal Science, leaves August 1 for one year's study as an Alexander von Humboldt Senior Fellow at the Institute fur Tierzucht und Tierverhalten (Animal Breeding and Animal Behavior Laboratory) in Mariensee, Federal Republic of Germany. Dr. Dziuk will conduct research on reproduction and embryo survival in pigs.

#### VISITORS COMING TO CAMPUS

Fausto Cevallos, training director of the Instituto Nacional de Investigaciones Agropecuarias, Quito, Ecuador, will be on campus July 16 to 19 to discuss UIUC administration of an INIAP training project funded by the Inter-American Development Bank.

D.C.J. Uys, chief extension officer with the Department of Agricultural Technical Services, South Africa, and N.B. Leibenberg, a South African agriculturalist, will discuss extension teaching methods related to soil erosion information and fuel-saving tillage practices with corn, wheat and sorghum with John C. Siemens, Agricultural Engineering, and Robert D. Walker, Cooperative Extension Service, on July 21.

Brian Deverall, Head of the Plant Pathology Department, University of Sydney, Australia, will spend a week in mid-July working with Jack D. Paxton, Plant Pathology.

Five Brazilians interested in soybean production will be on campus July 17. They will meet with H. J. Hill, INTSOY, Marcos Kogan, Agricultural Entomology, and Cecil D. Nickell, Agronomy. Wesley D. Dunlap, Mico Incorporated, Bloomington, Illinois, will accompany the group.

Twenty-eight African teachers of English will be at UIUC from July 5 to August 1 for a program on teaching English as a second language. On July 25 Russell T. Odell, professor emeritus in Agronomy, will lecture on farming regions in the U.S. Laurence B. Miller, professor emeritus in Agronomy, has arranged for them to visit a central Illinois farm.



Seven German scientists interested in soy food production will meet with Cecil D. Nickell, Agronomy, and Food Science staff on July 29. They will be escorted by Darwin Nelson, Land of Lincoln Soybean Association.

Mohammed Abu Bakar, Malaysian Agricultural Research and Development Institute, Winoto Winoto, Agricultural Extension Service and A. Kadir Rachman, Institute of Agriculture, Indonesia, will spend the week of July 14 learning soil testing techniques from Theodore R. Peck and L.T. Kurtz, Agronomy.

#### VISITORS RECENTLY ON CAMPUS

Sen-Chang Wung, C.Y. Shen, Bill B.C. Ling, and Wong Hoen Tjan, Taiwan Sugar Corporation, met with L.S. Wei, Food Science, on May 29.

Antonio T. Parsons, extension agent, and Michael N. Deane, President of CREA Chabuco Farmers Group, Argentina, discussed soybean production with Agronomy staff on May 27 and 28.

Jean-Yves Chevalier, Head of the Training and Education Department, Institute de Formation du Credit Agricole Mutuel, Paris, France, discussed U.S. farm lending policy with Chester B. Baker, Agricultural Economics, and met with local lenders in early June.

Francois Kamajou, Ecole Nationale Supérieure Agronomique, Centre Universitaire de Dshang, Yaounde, Cameroon, met with Chester B. Baker and others in Agricultural Economics in early June.

Mr. Gokyu, Marubeni Trading Company, Japan, discussed corn and soybean production with Gary E. Pepper, Agronomy, on June 13. Wesley D. Dunlap, Mico Incorporated, Bloomington, Illinois, accompanied Mr. Gokyu.

Elias E. Escueta, Food Science and Technology Department, University of the Philippines, Los Baños, met with L.S. Wei and Woody Yeh, Food Science, on June 13.

Akinola A. Agboola, Department of Agronomy, University of Ibadan, Nigeria, met with College of Agriculture staff on June 16 and 17. He is a UIUC alumnus.

T.S. Sandhu, legume breeder at Punjab Agricultural University, India, was on campus June 16 and 17. Dr. Sandhu visited SIRIC and met with Richard L. Bernard, Henry H. Hadley, Joseph A. Jackobs, Charles M. Brown and Hank Hill, Agronomy, Michael E. Irwin and Marcos Kogan, Agricultural Entomology, Glenn R. Bowers, Plant Pathology, and William N. Thompson, International Agriculture.

Kevin Bell, Department of Physiology, University of Queensland, Australia, discussed blood-typing of domestic animals with Ben A. Rasmusen and others in Animal Science on June 20.

David Wilson, American Soybean Association Regional Director, Madrid, met with INTSOY staff on June 26. Mr. Wilson replaces Ed Quiniones, who has returned to ASA headquarters in St. Louis.

M.E. El-Kady, Dean and professor of agricultural botany, and M.N. Shatla, Associate Dean and professor of plant pathology, Menoufeia University, Egypt, visited UIUC from June 28 to July 1. They met with Dean Bentley and with staff in the Office of International Agriculture, INTSOY, Agronomy, Agricultural Entomology, Agricultural Economics, Food Science and Plant Pathology.

Enrique V. Duhau and Wenceslao Achaval, agriculturalists from Buenos Aires, Argentina, discussed Illinois soils and computer applications of soil management with J.B. Fehrenbacher, Agronomy, and Earl R. Swanson, Agricultural Economics, on June 26.

Peter J. Buttery, University of Nottingham's Department of Applied Biochemistry and Nutrition, met with staff in Dairy Science, Food Science, the School of Human Resources and Family Studies, and UIUC Medical School on June 27. Dr. Buttery presented a seminar entitled "Protein Metabolism and Anabolic Agents."

Brian Stuckenberg, dipterist and Director of the Natal Museum, South Africa, visited the Illinois Natural History Survey and the biological control facilities on June 28 and 29.

A delegation from the People's Republic of China, led by Huo Shilian, Minister of Agriculture, was on campus July 12. They were met by Dean Bentley, Chancellor Cribbet, President Ikenberry, Vice-Chancellor Goldwasser, Cecil D. Nickell and John W. Dudley, Agronomy. Escorted by Anson R. Bertrand, Director of USDA/SEA, and Dale E. Hathaway, Under Secretary for International Affairs and Commodity Programs, the delegation traveled as guests of U.S. Secretary of Agriculture Bergland. This is a reciprocal visit for one made by Bergland to PRC in 1978. On this tour the delegation will also visit New York, Georgia, Missouri, Colorado, California, and Hawaii.

#### FULBRIGHT SHORT TERM LECTURESHIPS

August 1 is the application deadline for short-term Fulbright visiting lectureships in the Near East and South Asia. The six-week to four-month assignments will begin between February and September 1981. Economics and biological and agricultural sciences awards are available for Bangladesh, Egypt, Jordan, Nepal, Sri Lanka, Sudan, and Syria. For more information contact OIA, 113 Mumford Hall, 333-6420.

#### INTERNATIONAL DEVELOPMENT INTERN PROGRAM

September 15 is the application deadline for the summer 1981 class of International Development Interns. This two-year USAID career program is designed to train individuals for foreign service careers. Contact OIA, 113 Mumford Hall, 333-6420, for more information.

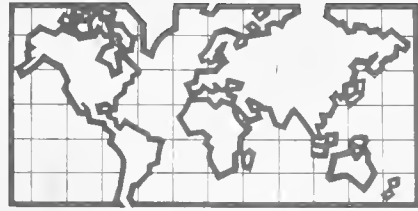
The International Agriculture Newsletter is published monthly by the Office of International Agriculture, 113 Mumford Hall, University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items. The College of Agriculture provides equal opportunities in programs and employment.

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# International Agriculture Newsletter

College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

August 1980 No. 27

## PRC EXCHANGE

Theodore Hymowitz, Agronomy, and Roy W. Stahlhut, Agronomy graduate student, leave in September for two months in the People's Republic of China. Daniel Gianola, Robert A. Easter, and Leif H. Thompson, Animal Science, leave in October for a one-month visit.

These two UIUC teams are the first to be chosen for a new Illinois-PRC exchange. This exchange is an outgrowth of the 1978 Illinois Agriculture Mission to China. The trips are sponsored by the Chinese Government and UIUC, with support from soybean and pork producers' associations.

Dr. Hymowitz will collect soybean germplasm, the first major professional collection program in China in 50 years. He will then screen the germplasm for resistance to diseases, pests, and drought.

The swine team, led by Dr. Gianola, will study Chinese breeds of swine and possibly introduce genetic material into the U.S.

## WOMEN IN DEVELOPMENT (WID) NEWS

The UIUC Women in Development Committee has changed its name to the Office of Women in International Development. As a unit of the Office of International Programs and Studies, it is housed in 3034 Foreign Language Building.

Barbara A. Yates, Educational Policy Studies, is director, and Corrine Glesne, Education Administration, is the assistant.

## SEED IMPROVEMENT COURSE

Sixteen students from eight countries were on campus from July 21 to August 1 for the UIUC segment of the USAID/USDA Seed Improvement Course conducted by Mississippi State University.

A. W. Burger coordinated a one-week program in agronomy, and John H. Behrens a one-week program in agricultural communications.

## SABBATICAL LEAVES

Arthur J. Muehling, Agricultural Engineering, will spend six months in Australia beginning in October. He will share his time between the Departments of Agriculture in Queensland, New South Wales, Victoria and South Australia working on swine housing and waste handling systems. The program will be coordinated by the Australian Pig Industry Research Committee.

Joseph Simon, Veterinary Pathology and Hygiene, will be in Malaysia from July through January 1981 to study diseases endemic in Southeast Asia and procure teaching materials on these diseases for UIUC.

Chester B. Baker, Agricultural Economics, will spend 8 months at the University of Melbourne, Australia, beginning in August. Dr. Baker will investigate financial aspects of risk management.

## STAFF INTERNATIONAL ACTIVITIES

Barbara A. Yates, Educational Policy Studies, recently served as a social science consultant on an Integrated Crop Protection study team which visited the Cameroons and the International Institute of Tropical Agriculture (IITA), Ibadan, Nigeria. The team was sponsored by a Title XII planning grant to Purdue University. Other team members included: J. D. Paschke, entomologist, Purdue University; John Drea, entomologist, USDA; and T. T. Hebert, plant pathologist, North Carolina State University.

Aldon H. Jensen, Animal Science, participated in a course on Swine Production Programs held in Mexico City from August 6 to 8. Dr. Jensen spoke on nutrition for the piglet from birth to 20 kg., and on housing and environment for early weaned piglets.

Marcos Kogan and Michael E. Irwin, Agricultural Entomology, participated in the XVI International Congress of Entomology held in Kyoto, Japan, from August 1 to 9. Dr. Kogan presented an invited paper entitled "Soybean Defenses Against Herbivorous Arthropods." Dr. Irwin moderated a symposium on ecological aspects of soybean pest management and presented a paper entitled "Ecology of Virus Spread in Soybean Ecosystems."

After the meetings Dr. Irwin will meet with entomologists in soybean producing areas of Japan, and travel to Indonesia to review the soybean insect pest situation.

A. M. Rhodes and Joseph S. Vandemark, Horticulture, will participate in the American Society for Horticultural Science's Tropical Region Meetings held at Tegucigalpa, Honduras, from August 16 to 23.

Bruce L. Dixon, Agricultural Economics, will be in Taiwan and Sri Lanka for two weeks in August under Title XII Strengthening Grant Program sponsorship. He will meet with government agricultural officials to explore ways to strengthen department capabilities to respond to the needs of developing countries.

Jean M. Due, Agricultural Economics, Corrine Glesne, Education Administration, Janice Monk, Geography, and Barbara A. Yates, Educational Policy Studies, participated in a MUCIA/Women in Development meeting in Madison, Wisconsin, from June 29 to July 1.

Robert M. Skirvin, Horticulture, was in Orsay, France, from June 28 to July 5 to participate in a meeting on measuring and utilizing variability in tissue cultures. Dr. Skirvin spoke on his research with the tissue culture of an ornamental Purslane, a *Portulaca* hybrid, with many odd flowering types.

Michael E. Irwin, Agricultural Entomology, will lecture in a Training Course/Workshop in Integrated Pest Control being held in Tapachula, Mexico, from September 1 to 12. Taught in Spanish, the course is for ingeniero agronomos from Central America, Mexico, Panama, the Caribbean, and northern South America, and thirty-six participants from 11 countries are expected. The course is sponsored by the Consortium for International Crop Protection (CICP), the Organization of American States (OAS), the UN/FAO, and the University of California/USAID Pest Management Project.

Jose A. Bravo, INTSOY/Puerto Rico, will be in Texas, Ecuador, and Colombia from September 3 to 13 to observe the performance of soybean varieties in preliminary evaluation trials.

Luis Camacho, INTSOY/Peru, and William Judy, Agronomy, will be in Puerto Rico mid-September to evaluate soybean varieties and to plan soybean variety development work for next year. Dr. Judy will also discuss soybean soil microbiology research in Puerto Rico.

Stanley E. Curtis, Animal Science, was in Tokyo and Osaka, Japan, from July 8 to 12 to discuss environmental hazards in air transport of live animals with representatives of the Japan Ministry of Agriculture, Forestry and Fisheries, Mitake Trading International, and Flying Tiger Line, Inc.

Constantin A. Rebeiz, Horticulture, will present an invited paper on his discovery of a new chlorophyll in nature at the 5th International Congress on Photosynthesis, held in Greece from September 7 to 13.

Frederick C. Fliegel and Earl D. Kellogg, Agricultural Economics, will visit the Federal University of Santa Maria, Brazil, from September 7 to 12 to arrange for academic interchange in agricultural economics, rural sociology, and agricultural education.

#### VISITORS RECENTLY ON CAMPUS

Recent visitors to the Microbiology Division of the Department of Dairy Science were: G. Lettinga and Willem de Zeeuw, of the Department of Water Pollution Control, Wageningen, the Netherlands, May 15 and 16; M. V. Belzeav, Phsinno-on-Oka, USSR, on May 29 and 30; and Susanne Fogh, Institute of Plant Physiology, University of Copenhagen, Denmark, from June 9 to 16 to study techniques for research on bacteria involved in anaerobic degradation and biogas production.

Samuel Lombard, Head of the Department of Food Science, University of Pretoria, South Africa, met with Robert McL. Whitney, Food Science, from July 3 to 5 to examine the pilot plants for teaching and research in food processing. Dr. Lombard received his Ph.D. in dairy technology in 1955 under Dr. Whitney.

Henry L. Orr, Department of Animal and Poultry Science, University of Guelph, Canada, discussed the curriculum in meat science and poultry products, reviewed current research and visited teaching and research facilities in the Department of Animal Science on July 14 and 15.

G. Gnanam, Madurai University, India, E. Goldschmidt, Hebrew University, Israel, and K. Csatorday, Hungarian Academy of Science, visited the laboratory of Constantin A. Rebeiz, Horticulture, in July, to learn the new techniques for the study of chlorophyll biosynthesis recently developed by Dr. Rebeiz.

Richard Bernsten, Cooperative CRIA/IRRI Program in Bogor, Indonesia, and Hendrick Knipscheer, International Institute of Tropical Agriculture in Ibadan, Nigeria, attended the American Agricultural Economics Association meetings held at UIUC from July 27 to 30. Both are alumni of UIUC and on July 31 they met with staff to discuss research opportunities and problems in international agriculture.

Gay Woltmann, Managing Director of Kewpie Stockfeeds Pty. Ltd., Queensland, Australia, visited UIUC the week of August 4. He discussed swine facilities with Arthur J. Muehling, Agricultural Engineering, and pork marketing for the fast food industry with Animal Science staff.

Solano Rodrigues and Luiz F. Razera, Instituto Agronomico de Campinas, Brazil, and currently graduate students at Mississippi State University, met with James B. Sinclair, Plant Pathology, Thomas A. McCowen and William N. Thompson, OIA, and William M. Walker and Theodore R. Peck, Agronomy, on July 28.

A Korean Trade Press Team was on campus August 12 to review soybean usage and marketing. Accompanied by Dr. Kyung Lee, ASA/Korea, their trip was arranged by the American Soybean Association in cooperation with the USDA/FAS.

Miodrag Maric and Redovan Sabovljevic, Agronomy Department of Belgrade University, Yugoslavia, were on campus from August 5 to 14 for appointments and independent study on corn and soybean breeding, production, and handling.

Akira Tanaka, Hokkaido University, Sapporo, and Kikuo Kumazawa and Yoshio Murata, Tokyo University, Japan, visited the laboratory of Richard H. Hageman, Agronomy, from August 7 to 11. They are part of a Japan/U.S. Cooperative Science Program Exchange on carbon-nitrogen interaction in crop productivity. Dr. Hageman and W. A. Jackson, North Carolina State University, recently returned from a two-week stay in Japan under this program.

VISITORS COMING TO CAMPUS. If you wish to meet with any of these visitors contact John W. Santas, 113 Mumford Hall, 553-3638.

John Rose, plant breeder in Queensland, Australia, will meet with staff in Plant Pathology and Agronomy from August 13 to 15. Mr. Rose is interested in soybean breeding and in *Phytophthora*.

Thomas M. Fullerton, INTSOY/Peru, will be on campus from August 7 through 15 for discussions on the Peru soybean project.

Waldo Ceron Diaz, University of Santiago, Chile, will meet with soybean researchers on August 22. Dr. Ceron just completed his Ph.D. in soybean breeding at Kansas State University and is returning to Chile.

A group of Brazilian farmers will visit UIUC on September 15 as part of a tour of U.S. farming areas.

Ah-Tien Hung, soybean breeder and chief of the Upland Crops Section, Kaoshiung District Agricultural Improvement Station, Taiwan, and currently a visiting scientist at Iowa State University, will be on campus August 21 and 22. He will meet with Cecil D. Nickell, Richard L. Bernard, William H. Judy, and Randall I. Nelson, Agronomy.

R. C. Olver, corn breeder, Ministry of Agriculture, Salisbury, Zimbabwe, will meet with staff in Agronomy and Plant Pathology from September 2 to 9.

Kusmat Tanudimadja, Executive Director of Indonesia's Consortium of Agricultural Sciences, will meet with College of Agriculture staff on September 2.

Ataur Rahman, Bangladesh Coordinated Soybean Research Project at Mymensingh, will visit UIUC from September 8 to 12 sponsored by the International Atomic Energy Agency (IAEA).

The International Agriculture Newsletter is published monthly by the Office of International Agriculture, 113 Mumford Hall, University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items. The College of Agriculture provides equal opportunities in programs and employment.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

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September 1980 No. 28

## VISITING RESEARCHERS

Jian Yu-Yu, Associate Scientist, Institute of Soybeans, Academy of Agricultural Science of Jilin Province, PRC, recently began a one-year project on soybean breeding and genetics with Richard L. Bernard, Agronomy.

Under the auspices of the Japan-U.S. Cooperative Science Program in Plant Cell Culture, Jack M. Widholm, Agronomy, is hosting three Japanese scholars. They are: Toshiyuki Nagata, Nagoya University, August 27 to September 15; Kazuo Nakata, Japan Tobacco and Salt Public Corporation, Yokohama, August 23 to September 10; and Yasuyuki Yamada, Kyoto University, August 24 to September 1.

## VISITING FULBRIGHT PROFESSOR AWARDS

October 31, 1980, is the deadline for receipt of proposals in the Visiting Fulbright Professor Program. There are approximately 20 awards for scholars from the Caribbean, Central or South America to lecture in U.S. universities during part or all of the 1981-1982 academic year. Proposals in the agricultural sciences are especially encouraged, according to the announcement from the Council for International Exchange of Scholars. For more information contact the Office of International Agriculture, 113 Mumford Hall, 333-6420.

## STAFF INTERNATIONAL ACTIVITIES

Violet M. Malone, Cooperative Extension Service, met with staff of the Adult Education Department, University of British Columbia, during the summer. Dr. Malone also met with education leaders and ministry personnel from several other provinces.

Ben A. Rasmusen, Animal Science, presented a paper entitled "H Red Blood Cell Antigens and Linked Genes in the Pig" at the 17th Conference on Animal Blood Groups and Biochemical Polymorphism in Wageningen, Netherlands, July 28 to August 1.

James E. Corbin, Animal Science, presented a series of lectures on canine and feline nutrition to kennel and veterinary groups in Durban, Port Elizabeth, Cape Town, Johannesburg, and Pretoria, South Africa, during July. Dr. Corbin also visited the Veterinary School in Onderstepoort. The trip was sponsored by pet food manufacturers in South Africa and the American Soybean Association.

Sandra Brown, Forestry, will participate in the International Wetlands Conference to be held in New Delhi, India, September 10 through 17. The conference is organized by the National Institute of Ecology in cooperation with the International Association for Ecology (INTECOL) and the United Nations Environment Program.

David Gottlieb, Plant Pathology, chaired the session on "Metabolic Controls of Sporulation" at the 3rd International Fungus Spore Symposium, Gwatt, Switzerland, from August 17 to 23. He also presented a paper and participated in a round-table discussion. Dr. Gottlieb then met with researchers at the Pasteur Institute in Paris, and at Imperial College, London University, and Cambridge University, England.

Frederick C. Fliegel, Agricultural Economics, presented a paper entitled "Rural Literacy and Agricultural Development: Cause or Effect?" at the 5th World Congress of Rural Sociology, Mexico City, from August 7 to 12.

From September 2 to 9 Dr. Fliegel participated in a seminar on mass communication and modernization of traditional sectors, held at the Universidad Austral de Chile, Valdivia. He presented a paper entitled "Literacy, Primary Education and Rural Development: Some Questions and Some Tentative Answers." The seminar was sponsored by the Universidad Austral and UNESCO.

Jean M. Due, Agricultural Economics, and John F. Due, Economics, will spend four weeks in the Sudan during August and September participating in a World Bank study of funding sources and expenditures in the agricultural sector of southern Sudan.

Russell T. Odell, Executive Secretary for the Committee for the International Soybean Institute, will meet with administrative personnel at the Centro Internacional de Agricultura Tropical (CIAT), Cali, Colombia, September 8 to 11.

Richard W. Larimore, Aquatic Biology Section of the Illinois Natural History Survey, and Civil Engineering, will spend September through November at the University of Nis, Yugoslavia. Sponsored by a Fulbright award, Dr. Larimore will work on water surveillance programs and the development of commercial and sport fisheries.

Donald L. Day, Agricultural Engineering, will present an invited paper entitled "Processing Manure for Use as Feed Ingredients" at the International Symposium on Biogas, Microalgae, and Livestock Wastes, Taipei, Taiwan, September 15 through 19. "Feedlot Biogas as Process Fuel for Farm Alcohol Plants," coauthored with T. H. Chen, a Ph.D. student in Agricultural Engineering, will also be presented. The trip is sponsored by the organizing committee.

Upson S. Garrigus, Animal Science, will serve in the MUCIA/AID Indonesia Agricultural Higher Education Project, Jakarta, Indonesia, during the fall semester.

James B. Sinclair, Plant Pathology, will participate in the Caribbean Division meetings of the American Phytopathological Society in Puerto Rico, September to October 4. He will present two papers both coauthored by Jose T. Yorinori, a graduate student in Plant Pathology: "Cercospora sojina: A Set of Different Cultivars for Race Identification" and "Cercospora sojina: Its Relation to Dilation, Reduced Seed Weight, Seed Infection, and with other Seedborne Pathogens of Soybeans."

While in Puerto Rico Dr. Sinclair will confer with plant pathologists at the University of Puerto Rico, Mayaguez Campus, on cooperative programs in soybean crop protection.

Miodrag Ristic, Veterinary Pathology and Hygiene, will present an invited paper entitled "Strategies for Control of Bacterial Diseases of Cattle in the Americas" at the plenary session of the 1st Asian-Australasian Animal Science Congress, Serdang, Malaysia, September 1 through 5. The congress is jointly sponsored by Southeast Asian governments.

#### VISITORS RECENTLY ON CAMPUS

Jack Schultz, Sementes JMS, Brazil, discussed soybean seed production in Brazil with INTSOY staff on July 24.



Terrel M. Hill, Nutrition Officer for UNICEF in Jakarta, Indonesia, met with Upson S. Garrigus, Animal Science, on July 8. Dr. Hill is a UIUC alumnus.

Nestor Eduardo Teson, State University of Londrina, Brazil, discussed activities to be conducted under the Memorandum of Understanding between UIUC and the State University with William N. Thompson, OIC, and Joseph L. Love, History, on July 25.

Seven food editors from Germany discussed the uses of soybean oil with Arthur J. Siedler and Marvin P. Steinberg, Food Science, on July 29. Sponsored by the American Soybean Association in cooperation with the USDA Foreign Agricultural Service, the group also visited Missouri and Washington, D.C. Dieter Kundrun, Deputy Director of ASA/Hamburg, served as escort and interpreter.

Adriel Garay, Chemonics International, discussed seed technology with INTSOY staff during the week of August 11. Dr. Garay also visited the Illinois Crop Improvement Association and Illinois Foundation Seed. He was en route to Bolivia to serve on a USAID supported project.

Arnold T. Tschanz, Plant Pathologist at the Asian Vegetable Research and Development Center, Taiwan, met with Dean O. G. Bentley and staff in Agronomy, Plant Pathology, International Agriculture, and the Illinois Natural History Survey, August 17 to 19. He was here to further cooperative relations between Plant Pathology and AVRDC, and to collect information on soybean rust. Dr. Tschanz is co-adviser to C. C. Yeh, a Plant Pathology graduate student currently conducting research at AVRDC.

Bjorn Solheim, Dean of Biology at the University of Trondheim, Norway, visited Plant Pathology on August 18, and presented a seminar on the interactions between Rhizobia and legumes. Professor Solheim is currently on sabbatical leave at the University of California, Davis.

Guido Michelotti, Institute of Plant Pathology, Pisa, Italy, discussed seed-borne pathogens of crops with James B. Sinclair, Plant Pathology, August 19 to 21.

M. Ola Ojo, Dean of Veterinary Medicine, University of Ibadan, Nigeria, met with staff in Veterinary Medicine, the Office of International Agriculture, and the African Studies Program on August 29. He also presented a seminar entitled "Eruwa Project - Agricultural/Veterinary Extension in the African Context."

M. N. Shatla, Menoufia University and principal investigator for a USDA Foreign Currency Research Grant, met with staff in Agronomy and Plant Pathology from September 3 through 5 to discuss soybean diseases occurring in Egypt.

Dean S. A. Zaky Mahmoud, Faculty of Agriculture, University of Ain Shams, Egypt, visited UIUC August 26 to September 6 to discuss the possibilities of collaborative research and educational activities. On September 4 Dean Zaky presented a seminar entitled "The Faculty of Agriculture at the University of Ain Shams, Egypt, and Opportunities for Cooperation with the University of Illinois." In addition to discussions at Urbana, he visited the Dixon Springs Agricultural Center and Southern Illinois University at Carbondale.

VISITORS COMING TO CAMPUS. If you wish to meet with any of these visitors, contact John W. Santas, 113 Mumford Hall, 333-3638.

C. N. Boronkay, an agricultural consultant from Mt. Waverly, Australia, is expected to visit Agricultural Engineering the week of September 8. Mr. Boronkay will study on-farm fuel alcohol production.

Tom Henderson, Agricultural Extension, University of the West Indies, St. Augustine, will visit the University

of Illinois on September 15 and 16 to study the agricultural communication systems used in Illinois and to discuss the UWI/MUCIA Agricultural Extension Project.

Approximately 40 South African farmers will visit UIUC on September 9 sponsored by John Deere and Co. They will discuss corn production and minimum

tillage practices with staff in Agricultural Engineering, Agricultural Economics, and Agronomy.

G. Oblisami, Head of the Department of Agricultural Microbiology, Tamil Nadu Agricultural University, India, will meet with William H. Judy, Agronomy, on October 8. Dr. Oblisami's trip is sponsored by UNDP/FAO/ICAR.

The International Agriculture Newsletter is published monthly by the Office of International Agriculture, 113 Mumford Hall, University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items. The College of Agriculture provides equal opportunities in programs and employment.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign  
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UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

October 1980 No. 29

## VISITING SCHOLARS

P. K. Das, West Bengal, India, will spend 10 months with Jack M. Widholm, Agronomy, under the Indo-American Scholarly Exchange Program.

Anglea Aguiar, Brazil, will spend a year in Agricultural Economics as a nondegree student.

## IVORY COAST STUDENTS

Eight students from the Ivory Coast, participants in a project sponsored by the Ivory Coast Ministry of Agriculture and OIA, are enrolled in UIUC's Intensive English Institute. Next semester they will be placed in M.S. programs in U.S. universities.

## PLANT PROTECTION IN CHINA

Richard E. Ford and Fred W. Slife will give a seminar entitled "Plant Protection in China" on October 17 at 1:30 p.m. in the 4th floor conference room of the Natural Resources Building.

## ANIMAL BLOOD GROUP RESEARCH

Ben A. Rasmusen, Animal Science, was elected to a second four-year term as President of the International Society for Animal Blood Group Research during the 17th Conference on Animal Blood Groups and Biochemical Polymorphism, held in the Netherlands in July.

## INTERNATIONAL AGRICULTURE SEMINARS

The Office of International Agriculture is organizing seminars for 1980-1981. The objective is to bring together faculty and students from all disciplines to discuss international development topics, with emphasis on those research, educational, and technical assistance activities in which UIUC faculty and students are involved.

Each seminar will be jointly sponsored by OIA and UIUC departments or administrative units. If you have suggestions on individuals or topics that might be included in the spring semester, contact John W. Santas, 113 Mumford Hall, 333-3638.

The following seminars are scheduled for the fall semester. They will be held on Wednesdays at 4:00 p.m. in room 426 Mumford Hall.

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| October 29  | Conference on Security and Cooperation in Europe, "Scientific Forum" on the Topic of Food and Agriculture — O. G. Bentley, Dean, UIUC College of Agriculture. |
| November 5  | Hawaii's East-West Center and Opportunities for Cooperative Work with UIUC — E. L. Knake, Agronomy.   |
| November 12 | Title XII Activities on Campus: Accomplishments and Future Directions — E. D. Kellogg, UIUC Associate Title XII Representative.                               |
| November 19 | International Grain Cartels: Problems and Potentials — L. D. Hill, Agricultural Economics.  |

The College of Agriculture and the College of Veterinary Medicine welcome the following new foreign graduate students to the University of Illinois:

#### AGRICULTURAL ECONOMICS

Dusit Jesdapipat	Thailand	agricultural marketing
Tadashi Nakagawa	Japan	agricultural marketing
Flavio Quintana	Brazil	rural community development
Lilia Reis	Brazil	farm management and production economics
Sivaraman Subramanian	India	agricultural economics

#### AGRICULTURAL ENGINEERING

Demetres Briassoulis	Greece	livestock structures and waste management
Kumar A. Datta	India	agricultural processing
Siddhartha Purkayastha	India	agricultural processing
Hong-Ru Zheng	PRC	agricultural machinery

#### AGRICULTURAL ENTOMOLOGY

Hilary DeAlwis	Sri Lanka	soybean insects
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#### AGRONOMY

Roque Caro	Argentina	soybean genetics
Satoshi Kutsukawa	Japan	plant physiology
Shui-Ho Cheng	Taiwan	soybean genetics
Brian A. McBlain	Canada	soybean breeding
Loida Escote	Philippines	crop evolution

#### ANIMAL SCIENCE

Lidilia Velasquez	Venezuela	reproductive physiology
Jose Rodriguez	Costa Rica	nonruminant nutrition

#### DAIRY SCIENCE

Adnan Bin Sulong	Malaysia	dairy physiology
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#### FOOD SCIENCE

Jean-Claude Abougou	Cameroon	food chemistry
C. N. Hristopoulos	Greece	food chemistry
Christina Hui	Hong Kong	food microbiology
Bushra Haddad	Iraq	food chemistry
Young Choi	Korea	food chemistry

#### FORESTRY

Ying-Jye J. Chen	Taiwan	forest ecology
Kondala Vikram Reddy	India	forest ecology

#### HORTICULTURE

S. Ussahatanonta	Thailand	tree fruit root stock/scion interactions
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#### NUTRITIONAL SCIENCES

Hwei-Chu Kuo	Taiwan	nutritional sciences
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#### PLANT PATHOLOGY

Eun-Woo Park	South Korea	soybean pathology
Zvezdana Pesić	Yugoslavia	physiology of disease

#### VETERINARY MEDICINE

Michael Bedoya-Stabenow	Mexico	veterinary pathobiology
Fernando Calderone	Costa Rica	veterinary pathobiology
Mohlalefi Moteane	Lesotho	veterinary pathobiology

## WEST EUROPEAN STUDIES

Lowell D. Hill, Agricultural Economics, is the College of Agriculture representative to the West European Studies Center Executive Committee. Staff interested in programs or activities in West Europe are encouraged to contact Dr. Hill at 218 Mumford Hall, 333-2455.

## STAFF INTERNATIONAL ACTIVITIES

Jean Peterson, Human Development and Family Ecology, has a one-year endowed chair at the Institute of Philippine Culture, Manila.

Marcos Kogan, Agricultural Entomology, collected natural enemies of Nezara and leaf-feeding caterpillars in Japan, Thailand, and India during August. He also searched for new sources of insect resistance in soybeans. These will be used in biological control programs.

During the first week of September, Dr. Kogan participated in a review of the cereal stem borer and legume pod borer programs of the International Center for Insect Physiology and Ecology, Nairobi, Kenya.

Cecil D. Smith, assistant to the Dean, is serving as a consultant to the U.S. architectural firm of Perkins and Will. He is in Bogor, Indonesia, from September 5 to October 9 to plan a new campus of the Indonesian Institute of Agriculture. The new college will accommodate 15,000 students. The consultantship will continue on a part-time basis until February 1981.

Ronald D. Smith, Veterinary Pathobiology, presented a paper on the epidemiology of bovine anaplasmosis and babesiosis at the II Interamerican Meeting of Directors of Animal Health, held in San Jose, Costa Rica, from September 8 to 12. The meeting was sponsored by the Interamerican Institute of Agricultural Sciences.

Erwin Small, Veterinary Medicine, will be in Valencia and Barcelona, Spain, from September 24 to October 5 to participate in the World Small Animal Congress and the 15th International Veterinary Symposium.

## VISITORS RECENTLY ON CAMPUS

Brian Dibble, Head of the English Department at Western Australian Institute of Technology, discussed curriculum with Agricultural Communications staff on August 25 and 26.

N. C. Owen, Dean of the College of Veterinary Medicine, Medical University of South Africa, discussed veterinary curriculum and the use of computer-assisted instruction (PLATO) with Veterinary Medicine staff on August 29.

Ian C. Harris and Jose Carlos, INTERIAGOS, Sao Paulo, Brazil, toured the Agronomy Farm on September 2. They were accompanied by John R. Spear, Doane Agricultural Service, Champaign.

Jean-Robert Marty, Institut National de la Recherche Agronomique (INRA), Toulouse, France, visited UIUC from September 2 through 4 on a USDA/SEA-INRA exchange. Dr. Marty discussed using soybeans and sunflowers in the traditional maize-wheat system of southern France with staff in Agronomy, Plant Pathology, Agricultural Entomology, Agricultural Economics, Agricultural Engineering, and INTSOY.

Jun-Yi Gai, Agronomy Department at Nanjing University, PRC, and currently a visiting scholar at Iowa State University, visited UIUC on September 11 and 12. Professor Gai presented a lecture on soybean breeding in China.

Allen O. Betts, Dean of the Royal Veterinary College, University of London, England, discussed continuing education, specialized clinical programs, computer-assisted instruction (PLATO), and programs of joint interest with Veterinary Medicine faculty on September 11 and 12.

A 22 member Tokyo Grain Exchange Team, sponsored by the American Soybean Association, visited UIUC on September 19. A symposium on the U.S. soybean industry was presented by Walter O. Scott, Agronomy, Thomas A. McCowen, INTSOY, and Royce A. Hinton, Thomas A. Hieronymus, and Lowell D. Hill, Agricultural Economics. They were escorted by Darwyn Nelson, Land of Lincoln Soybean Association, and Noboru Horikoshi, ASA/Japan.

## VISITORS COMING TO CAMPUS

If you wish to meet with any of these visitors, contact either the UIUC staff member mentioned in the item or John W. Santas, 113 Mumford Hall, 333-3638.

Bryan Hilbert, Murdoch University, Perth, Australia, will meet with faculty in Veterinary Medicine from October 10 to 18. Dr. Hilbert will present a seminar on diagnosis and treatment of carpal injuries in fast-gaited horses. Contact the Department of Veterinary Clinical Medicine, 242 Small Animal Clinic, 333-5349 for details.

Masataka Saito, Director of the Tokachi Experiment Station, Hokkaido, Japan, will meet with staff in Agronomy on October 10. Richard L. Bernard, S306 Turner Hall, 333-4639, is arranging his schedule.

Seven agriculturalists from the Ministry of State Farms, People's Republic of China, will visit UIUC on October 13

during a program coordinated by the American Soybean Association. They are interested in soybean production and utilization.

Thirty Swedish 4-H agents will visit Illinois from October 17 through 29 as part of their U.S. tour. They will meet with extension service staff and county extension advisers while observing local 4-H programs. The state 4-H is the official sponsor, and Walter E. Griffith, Cooperative Extension Service, is the 4-H Swedish ambassador.

S. W. R. Cox, Deputy Director of the National Institute of Agricultural Engineering, Silsoe, England, will be a visiting lecturer in Agricultural Engineering from November 3 through 14. Mr. Cox will present several lectures on electrical and electronic controls for agricultural production. For more information, contact Hoyle B. Puckett, 226 Agricultural Engineering Building, 333-0808.

The International Agriculture Newsletter is published monthly by the Office of International Agriculture, 113 Mumford Hall, University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items. The College of Agriculture provides equal opportunities in programs and employment.

**Office of International Agriculture  
College of Agriculture  
University of Illinois at Urbana-Champaign  
113 Mumford Hall  
Urbana, Illinois 61801**

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November 1980 No. 30

## INTERNATIONAL SERVICE

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## CRSP COMMITTEE

A clearinghouse and counseling service is available for seniors interested in voluntary service overseas. Possibilities include United Nations Volunteers, Peace Corps, and the International Voluntary Services. Please direct interested students to Bob Porter, 353 Education Building, 333-7107.

UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

Jean M. Due, Agricultural Economics, was appointed to the Technical Committee of the Title XII Bean/Cowpea CRSP (Collaborative Research Support Program). The committee reviews research and funding proposals, and makes recommendations on general policy and personnel to the board of directors.

## BOOKS OVERSEAS

J. B. Sinclair, Plant Pathology, continues to collect books and journals to send to overseas institutions. Recently shipments were sent to the Instituto Nacional de Investigaciones Agropecuarias, Lima, Peru, and to the Department of Plant Pathology, Kasetsart University, Kamphangsaeen Campus, Thailand. If you have books or journals to contribute contact Dr. Sinclair at N-519 Turner Hall, 333-6588.

## COMMERCE BUSINESS DAILY

The Office of International Agriculture is subscribing to Commerce Business Daily. Published daily, it lists U.S. government procurement invitations, contract awards, sub-contracting leads, sales of surplus property, and foreign business opportunities. Issues are available for loan from 113 Mumford Hall, 333-6420.

## SOYBEAN PROJECT

INTSOY recently shipped a collection of virus-free tropical soybean germplasm to the Instituto Colombiano Agropecuario (ICA), Palmira, Colombia, as part of a cooperative project to screen soybean accessions for resistance to machismo disease.

## INTERNATIONAL AGRICULTURE SEMINARS

The following seminars will be held at 4:00 p.m. in room 426 Mumford Hall.

November 12 Title XII Activities on Campus: Accomplishments and Future Directions — E. D. Kellogg, UIUC Associate Title XII Representative.

November 19 International Grain Cartels: Problems and Potentials — L. D. Hill, Agricultural Economics.

December 3 Hawaii's East-West Center and Opportunities for Cooperative Work with UIUC — E. L. Knake, Agronomy. NOTE: this seminar has been rescheduled from November 5.

## VISITING RESEARCHERS

Navagnana Hettiarachchy, Head of the Biochemistry Department, University of Peradeniya, Sri Lanka, is spending her 1980-81 sabbatical leave in the Food Science Department. Funded in part by the Title XII program, she is working with John W. Erdman to develop an on-going research program between UIUC and Sri Lanka on the winged bean.

A. K. M. Mokbuk Islam, Deputy Registrar, Bangladesh Agricultural University, Mymensingh, arrived at UIUC on October 13 for a one-month program on university management and administration. Sponsored by UNESCO, the program was arranged by Overseas Projects and Foreign Visitors, and OIA.

G. K. Garg, Department of Biochemistry, G. B. Pant University of Agriculture and Technology, Pantnagar, India, will return home November 20 after a two-month visit to the Department of Biochemistry. On October 22 Dr. Garg presented a seminar entitled "Pantnagar Today: An Update on Recent Progress."

## STAFF INTERNATIONAL ACTIVITIES

Stephen M. Ries, Plant Pathology, presented a paper entitled "Motility and Chemotaxis of *Erwinia amylovora*" at the 2nd International Symposium on Fire Blight, Kiel, West Germany, September 15 through 19. The Symposium was sponsored by the International Society for Horticultural Sciences.

Dean Orville G. Bentley was a delegate at a meeting of the Indo-U.S. Subcommission on Agriculture, held in New Delhi, India, September 23 to 25. The U.S. delegation was led by Dale E. Hathaway, Under Secretary for International Affairs and Commodity Programs, USDA. Dean Bentley was co-chair of the working group on extension and education.

Dean Bentley also visited G. B. Pant University of Agriculture and Technology at Pantnagar. He met with the Vice Chancellor and other university administrators and staff.

William C. Wagner, Veterinary Biosciences, presented a paper at the International Congress on Cattle Diseases, Tel Aviv, Israel, October 18 to November 2.

Michael E. Irwin, Agricultural Entomologist, was in Turrialba, Costa Rica, in early October participating in a Consortium for International Crop Protection (CICP) review on the impact of integrated pest management short courses on the protection programs of participants.

Dr. Irwin presented an invited paper about INTSOY's crop protection programs at the 12th Session of the Plant Protection Committee for Southeast Asia and the Pacific, which met in Chiangmai, Thailand from October 27 to November 5.

Barbara A. Yates, Office of Women in International Development, represented UIUC at the 2nd National Title XII WID Workshop, held in Washington, D.C., from October 19 to 23. Also attending were William N. Thompson and Earl D. Kellogg, UIUC Title XII Representative and Associate Representative.

Dr. Thompson and Dr. Kellogg also met with Board for International Food and Agriculture Development (BIFAD), USAID, and IDCA representatives.

Miodrag Ristic and Ronald D. Smith, Veterinary Pathobiology, discussed establishing research and training programs on the borne diseases of cattle with Venezuelan government officials and with personnel of the Universidad Centro Occidental, Venezuela from October 13 to 17. Requested by the Venezuelan government, the trip was sponsored by USDA's Office of International Cooperation and Development.

James B. Sinclair, Plant Pathology, was in Thailand from October 19 to November 2 to participate in the 2nd Southeast Asian Symposium on Plant Diseases in the Tropics and in a seed technology training course. Dr. Sinclair also met with scientists at the Ministry of Agriculture and Kasetsart University.

Joseph A. Jackobs, Agronomy, represented INTSOY in the International Board for Plant Genetic Resources (IBPGR) Symposium on Genetic Resources of the Far East and Pacific Islands, held at Tsukuba, Japan, from October 21 to 25. The symposium discussed the collection, conservation, evaluation and documentation of the economic plants of the region. Dr. Jackobs made recommendations on soybean germplasm collection and maintenance.



Thomas L. Frey, Agricultural Economics, addressed the 8th Ag. Credit Conference of the Canadian Banker's Association in Winnipeg, Canada, from October 29 to 31.

Jean M. Due, Agricultural Economics, will be in Asia and Africa during November and early December on Title XII projects. In Thailand and the Ivory Coast, she will investigate the role of rural financial markets in the agricultural development of LDC's. While in the Ivory Coast, she will meet with Rene Kinimo Yabilé, an Agricultural Economics graduate student doing thesis research on rural financial markets. In Tanzania, Dr. Due will conduct research on small holder farming systems.

Gene C. Shove, Agricultural Engineering, will lecture on solar energy applications in agriculture at the Training in International Energy Technologies program, November 6. Held at the University of Florida and sponsored by USAID, the 15-week program is for researchers from Third World countries.

William N. Thompson, INTSOY, Luis H. Camacho, Agronomy (Peru Project), and Alvin Siegel, Food Science (Peru Project), will participate in the World Conference on Soya Processing and Utilization being held in Acapulco, Mexico, from November 9 through 14. Dr. Thompson will present an invited paper entitled "Increasing the Supply of Soybeans" at a plenary session, and Dr. Camacho will present a paper entitled "Expanding the Genetic Potential of the Soya Bean."

#### VISITORS RECENTLY ON CAMPUS

Guillermo Mateus, Parasitology Department, Instituto Colombiano Agropecuario (ICA), Colombia, spent the week of September 15 in the laboratory of Miodrag Ristic, Veterinary Pathobiology, planning joint research trials using a newly developed bovine babesiosis vaccine.

S. P. Raychaudhuri, former Director of the Division of Mycology and Plant Pathology, Indian Agricultural Research Institute, visited Plant Pathology from September 21 to 24. Dr. Raychaudhuri presented a seminar on citrus diseases and their control, and consulted with staff on soybean virus diseases and seed quality research.

Eight Danish 4-H organizers visited UIUC and surrounding towns during the week of September 21. Hubert J. Wetzel, Cooperative Extension Service, arranged their schedule.

Hans Eberhard Buchholz, Department of Marketing Research, Braunschweig, West Germany, visited Agricultural Economics from September 22 through 24. He presented a seminar entitled "Trends in European Agricultural Policy." Dr. Buchholz received his Ph.D. in Agricultural Economics from UIUC in 1965.

Seven swine and feed specialists from Yugoslavia met with staff in Animal Science on September 23 as part of a two-week tour sponsored by the American Soybean Association and the Land of Lincoln Soybean Association, in cooperation with USDA/FAS.

Eduardo Marroquin and Fernando Perez-Gil, Instituto Superior Agropecuario Autonomo del Estado de Guerrero (ISAAEG), Mexico, met with INTSOY staff and Executive Committee members on September 24 and 25.

Pedro Acha, Advisor to the Director General of the Interamerican Institute of Agricultural Sciences (IICA), Washington, D.C., met with Veterinary Medicine faculty on September 26. Dr. Acha presented a seminar entitled "Present and Future Activities of the Interamerican Institute of Agricultural Sciences in the Development of Agriculture Programs in Latin America."

Milan Teodorovic, University of Novi Sad, Yugoslavia, discussed swine breeding and management with Animal Science staff on September 29 and 30.

The 21-member Japanese Soybean Study Team visited UIUC on October 2. They met with William N. Thompson and John W. Santas, INTSOY, Robert W. Howell, Agronomy, and Royce A. Hinton, Lowell D. Hill, and Thomas A. Hieronymus, Agricultural Economics.

Zeug Bang-Fan, Director of Livestock Buildings, Rubber Plantation, Guany-Zhao, PRC, visited Agricultural Engineering on October 3. Zeug Bang-Fan is currently a trainee on the swine farm of Willard Korsmeyer, Beardstown, in a program arranged by the International Farmers Association for Education.

Nongoh Mansare and Sidi Conde, Guinea, discussed soybean development in equatorial areas with INTSOY staff on October 21. Sponsored by Western Cereals, Houston, they were escorted by Robert W. Temple and Charles Oelfke.

A seven-member delegation representing the Ministry of State Farms, PRC, toured UIUC on October 13. They met with Dean Bentley and with staff in Plant Pathology, Agronomy, Agricultural Entomology, Food Science, Animal Science, Agricultural Economics, and OIA. Their tour was arranged by the American Soybean Association in cooperation with USDA's Foreign Agricultural Service.

Sydney Elsden, Director, Foods Research Laboratory, Agricultural Research Council, Norwich, England, visited the Microbiology Division of Dairy Science and presented a seminar on October 13.

Abram Nkabinde, Rector of Zululand University, Kwadlangezwa, South Africa, discussed university administration with Robert P. Bentz, Cooperative Extension Service, on October 13. Dr. Nkabinde is a participant in the International Visitor Program of the U.S. International Communication Agency.

Thomas Bauchop, Division of Scientific Industrial Research, Palmerston North, New Zealand, visited the Microbiology Division of Dairy Science on October 23 and 24. Dr. Bauchop presented a seminar on studies of anaerobic fungi of the ru

Johnny W. Pendleton, newly appointed director of cropping systems research program at the International Rice Research Institute in the Philippines, presented a seminar on IRRI on October 27.

The Agricultural Laboratory Equipment Delegation, PRC, met with Agronomy and INTSOY staff on October 27. Illinois was one of several stops on a tour arranged by the USDA.

Carl N. Hittle, Agronomy and leader of INTSOY's work on the Sri Lanka Soybean Development Project, was on campus for consultations from October 23 to 25.

John Rosenfels, Chair of the Cattle Producers Association, and Ted Kirby, Chair of the National Association of Dairy Farmers, Zimbabwe, discussed livestock management systems and cattle nutrition with staff in Animal Science, Dairy Science and Agricultural Economics on October 30 and 31.

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# International Agriculture Newsletter

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College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

December 1980 No. 31

## SPANISH LANGUAGE CLASSES

Beginning-level classes of Spanish for agriculturalists will meet mornings from December 15 through 19 and January 5 through 16, 1981. An advanced session will also meet and qualified newcomers are welcome. There is no university credit for the intersession classes.

Spanish 199, a beginning-level class of Spanish for agriculture and veterinary medicine, will meet during the spring semester 1981.

For more information contact Kathryn Crabbe, 333-8056, or Thomas Lundgren, 333-8058, 4090 Foreign Language Building, or the Office of International Agriculture, 113 Mumford Hall, 333-6420.

## INTSOY/ICA SOYBEAN COURSE

INTSOY, in cooperation with the Instituto Colombiano Agropecuario (ICA), is presenting a soybean production course for Spanish-speaking extension agents. The course is being held in Palmira, Colombia, from November 24 through December 12. Twenty-five to thirty people from South and Central America are expected to attend.

Teaching will be shared by ICA and INTSOY personnel, with John W. Santas, International Agriculture, Michael E. Irwin, Agricultural Entomology, Paul R. Hepperly, University of Puerto Rico, Mayaguez Campus, and Luis H. Camacho and Thomas M. Fullerton, Agronomy, representing INTSOY.

This is the second time the course has been offered.

## VISITING RESEARCHERS

JuJu Manandhar, a soybean pathologist from Lalitpur, Nepal, is a nondegree trainee in the laboratory of James B. Sinclair, Plant Pathology. His nine-month program on diseases associated with soybean seeds is sponsored by the International Agricultural Development Service (IADS).

Yi-Tai Yu from the Institute of Microbiology, Academia Sinica, Beijing, PRC, will be a visiting scholar in the Microbiology Division of Dairy Science for one year beginning in late December. He will participate in research on the biology of bacteria involved in anaerobic degradation and methanogenesis in the rumen, and in other anaerobic microbial ecosystems.

## FOOD PROBLEMS IN AFRICA

December 15 is the deadline for abstracts of papers for the Food Problems in Africa Symposium being held at UIUC from April 23 to 25, 1981. Graduate students are especially encouraged to submit papers. For further information contact the African Studies Program, 1208 West California, Room 101, 333-6335.

## CHINA REPORT

Animal Agriculture in China, a report written by a 1979 animal science delegation to PRC, is now available from National Academy Press for \$12. Roy N. Van Arsdall, Agricultural Economics, was a team member.

## SHORT COURSE EARNINGS

Allocations have been made to departments in the College of Agriculture for participating in three 1980 short courses: Soybean Processing for Food Uses, Technical and Economic Aspects of Soybean Production, and Seed Improvement. Earnings allocated to departments were: Food Science \$11,500; Agronomy \$7,200; Agricultural Communications \$3,800; Agricultural Entomology \$2,600; Plant Pathology \$2,600; Agricultural Economics \$2,400; Agricultural Engineering \$1,900; and Animal Science \$160.

## FULBRIGHT OPPORTUNITIES IN AFRICA

Under a special allocation from the U.S. International Communication Agency, approximately 10 grants for 1981-82 for research in Africa are available. Applications will be accepted in any field until January 2, 1981. Contact the Office of International Agriculture, 113 Mumford Hall, 335-6420, for more information.

## STAFF INTERNATIONAL ACTIVITIES

James W. Gerdemann, Plant Pathology, participated in the 1st biennial meeting of vesicular arbuscular mycorrhiza workers, held in Lusignac, France, from September 17 to 22.

Lowell D. Hill, Agricultural Economics, was in England and Scotland during October, sponsored in part by the U.S. Feed Grains Council. He discussed grain quality research and possible joint research programs with faculty at Wye, Cambridge, and Newcastle Universities, and presented a seminar on improving the quality of U.S. corn delivered in the U.K. Dr. Hill also advised corn distillers and processors about setting standards for imported U.S. corn.

Michael J. Hutjens, Cooperative Extension Service, presented an invited paper entitled "Dairy Cow Economics — The Relationship of Milk Yield to Feed Input" at the Feed Forum 80 in Dublin, Ireland, on November 5 and 6. The Forum was sponsored by the Irish Society of Feed Technologists.

Dean Richard E. Dierks, Michael G. Levy, Miodrag Ristic, and Ronald D. Smith, Veterinary Medicine, discussed international programs for the control of bovine babesiosis and presented plans to transfer laboratory technology to cattle producing countries in Latin America at a meeting in Washington, D.C., on November 24. They met with officials from the Rockefeller Foundation, USAID, USDA, Pan American Health Organization, Inter-American Institute of Agricultural Science, World Bank, and Inter-American Development Bank.

Mohamed E. Sarhan, Agricultural Economics, discussed agricultural marketing in LDC's and UIUC's Title XII Strengthening Program with USAID/Washington personnel on November 25 and 26.

William N. Thompson, International Agriculture, will visit the faculties of agriculture at the University of Ain Shams and at Menoufeia University, Egypt, from November 28 through December 18. He will discuss plans for faculty and student exchanges, and for jointly conducted education, research, and extension projects. These arrangements will provide the opportunity for UIUC faculty to gain expertise under developing country conditions, and simultaneously, strengthen the Egyptian faculties of agriculture. On this trip Dr. Thompson will serve as a visiting professor at Ain Shams and will identify specific activities for joint implementation. The Deans of Agriculture from these two universities recently visited UIUC.

John H. Behrens, Agricultural Communications, served as a communications consultant to MUCIA's Eastern Caribbean Agricultural Extension Project during the week of November 10.

F. Wilfrid Lancaster, Library Science, will discuss UIUC's proposed program for training agricultural information specialists with officials at FAO/Rome, UNESCO/Paris, and Commonwealth Agricultural Bureaux (CAB)/London from December 14 through 21. The agricultural information specialist degree would be a joint program between UIUC's College of Agriculture and the Graduate School of Library Science.

#### VISITORS RECENTLY ON CAMPUS

Arnie Madsen, swine nutritionist from the National Institute for Research in Pigs and Horses, and Benedicta Hald, chemist at the University of Copenhagen, Denmark, discussed techniques and research methods on mycotoxins in animal feed with Animal Science staff on October 21. Sponsored by the Danish government, their tour included several agricultural experiment stations and USDA facilities.

Mohamed A. Tolba, Plant Pathology Institute, Giza, Egypt, discussed virus diseases of legumes with USDA, Plant Pathology, and INTSOY staff on November 3 and 4.

Hsun Tu, Council for Agricultural Planning and Development, Taiwan, discussed corn and soybean production with Agronomy staff on November 3 and 4.

Horst Schmandke, Head of the Department of Protein Research, Central Institute of Nutrition, East Germany, presented a seminar on the viscoelastic properties of soybean globulin gels and discussed soy protein with Food Science staff on November 3 and 4.

Robert Smith, tillage research engineer, Institute of Agricultural Engineering, Salisbury, Zimbabwe, visited Agricultural Engineering on November 4 and 5.

Manuel Toro B., Animal Health Division, Venezuela, met with Miodrag Ristic and the hemotropic disease researchers in Veterinary Medicine from November 17 to 24. Dr. Toro discussed a joint UIUC/Venezuelan program for research and training on the control of blood diseases of cattle in Venezuela.

#### VISITORS COMING TO CAMPUS

M. Etienne and J. LeDividich of the Institut National de la Recherche Agronomique, Saint-Gille, France, will discuss swine nutrition and environment with Animal Science staff on December 8 and 9. A. H. Jensen, 319 Mumford Hall, 333-2669, is arranging their schedule.

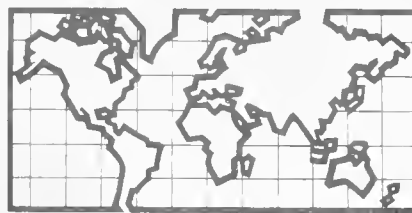
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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

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January 1981 No. 32

## VISITING RESEARCHERS

Henry Daniell, School of Biological Sciences, Maduria-Kamaraj University, India, is working with Constantin A. Rebeiz, Horticulture, as a postdoctoral research associate. Dr. Daniell will work with the photosynthetic reactor.

Roelof H. Smook, IAESTE exchange student from the Netherlands, arrived January 12 for a 26-week training program in Agricultural Engineering.

## INTERCHANGE AGREEMENTS SIGNED

The University of Illinois has recently signed academic interchange agreements with the University of Ain Shams and Menoufeia University in Egypt. The agreements will reinforce existing relationships with the two universities.

The initial area of concentration is food and agriculture, but cooperative work is not limited to this area. William N. Thompson, International Agriculture, was in Egypt from November 23 to December 18 to discuss plans for faculty and student exchanges and for jointly conducted education, research, and extension projects. Contact him at 113 Mumford Hall, 333-6422, for more information.

## VISITORS RECENTLY ON CAMPUS

C. P. Malik, Head of the Department of Botany, Punjab Agricultural University, Ludhiana, India, discussed pollen physiology with David B. Dickinson, Horticulture, during the week of December 8.

H. C. Knipscheer, agricultural economist at the International Institute of Tropical Agriculture (IITA), Ibadan, Nigeria, visited the Department of Agricultural Economics, and discussed soybean utilization with L. S. Wei, Food Science, on December 10.

Leon Sprachan, agriculturalist from Harrismith, South Africa, met with Allan G. Mueller and other members of the Department of Agricultural Engineering from January 7 to 9. Mr. Sprachan was sponsored by International Harvester.

J. Ragin, J. M. Joshi, and R. B. Dadson, University of Maryland at Eastern Shore, met with INTSOY staff from December 15 through 17 to discuss possible cooperative international work on soybeans. Dr. Dadson, an agronomist at the University of Ghana, is currently taking a sabbatical leave at the University of Maryland

## INTSOY DIRECTOR SEARCH COMMITTEE

Dean O. G. Bentley has appointed a search advisory committee for the position as Director of the International Soybean Program (INTSOY). Members of the committee are R. E. Ford, chair, L. R. Hackler, M. E. Irwin, J. A. Jackobs, J. W. Santas, and L. S. Wei. For a copy of the job announcement contact Dr. Ford at N-519 Turner Hall, 333-3170.

## INTERNATIONAL ACTIVITIES

Five UIUC veterinarians attended the 8th World Small Animal Veterinary Association (WSAVA) Congress held in Barcelona, Spain, from September 22 to 27. Alan H. Brightman, William G. Magrane, and Alan J. Parker presented papers. Also attending were Lloyd C. Helper and Erwin Small.

During the Congress the International Society of Veterinary Ophthalmology was formed and Dr. Magrane was elected president.

L. F. Welch, Agronomy, presented an invited paper entitled "The Application of High Yield Technology in the Field" at the Asia Pacific Food Production Conference held in New Delhi, India, from December 7 to 12.

Dorothea Bedigian, Agronomy graduate student, participated in a sesame improvement meeting held December 6 to 16 in Rome, Italy.

Robert M. Goodman, Plant Pathology, presented an invited paper on tropical geminiviruses at a symposium on Exotic and Unusual Viruses sponsored by the Society for General Microbiology. The symposium was held in London in mid-December. While in England Dr. Goodman also attended a symposium on Koch's postulates sponsored by the Federation of British Plant Pathologists, and met with scientists at Imperial College, London, and the East Malling Research Station.

Kurt McCabe, undergraduate student in Agricultural Economics, is spending the winter semester at the University of Copenhagen, Denmark.

Steven Haber and Masato Ikegami, Plant Pathology, presented a paper on the research in R. M. Goodman's laboratory at a meeting of the American Association for the Advancement of Science, Toronto, Canada, January 3 to 8. They also visited the Department of Plant Science, University of Western Ontario.

John W. Erdman, Food Science, will participate in the Second International Seminar on Winged Bean held in Colombo, Sri Lanka from January 19 to 23. He will also meet with faculty at the University of Peradeniya and the Research Institute of Gonnoruwa, and visit the Soybean Development Project supported by INTSOY, UNDP, FAO, UNICEF, and CARE.

William N. Thompson, INTSOY, Joseph A. Jackobs, Agronomy, and James B. Sinclair, Plant Pathology, will participate in the Conference on Soybean Seed Quality and Stand Establishment to be held in Sri Lanka from January 25 to 31. Dr. Sinclair and Dr. Jackobs are co-chair of the conference, which is sponsored by INTSOY, the Sri Lanka Ministry of Agricultural Development and Research, and the Seed Technology Program of Mississippi State University in collaboration with FAO/UN and USAID.

Dr. Sinclair will present a paper entitled "Seed Testing: Disease Assessment" and is coauthor on three other papers. Dr. Thompson will give a welcoming address.

After the conference Dr. Thompson and Dr. Jackobs will travel to India, Thailand, and Indonesia to discuss soybean development work with university researchers and ministry of agriculture personnel.

Dr. Thompson, who is chair of the Illinois Agricultural Export Advisory Board, will also visit the State of Illinois Market Development Office in Hong Kong.



## FULBRIGHT AWARDS AVAILABLE

Applications for Fulbright awards for university teaching and advanced research abroad must be submitted by June 1 for Australia, New Zealand, and the American Republics, or by July 1 for Asia, Africa, and Europe.

Ten grants-in-aid for American scholars conducting research in any field in Africa (not including Angola, Ethiopia, or South Africa) are available. There are also awards in unspecified fields for Romania, Syria, and Turkey.

Opportunities for economists, including agricultural economists, exist in Liberia, Malawi, Nigeria, Sierra Leone, and Zambia. Fluent French is required for Cameroon, Congo, Ivory Coast, Mauritania, Senegal, and Zaire.

Argentina - agricultural sciences. Spanish essential. National University of Buenos Aires and National Institute of Technical Agriculture at Catelar.

Congo - agronomy. Fluent French required. Ngouabi University, 10/81-6/82.

Ecuador - botanical or ecological research. University of Guayquil, 6/81-2/82.

India - child development and family relations, teaching postgraduate courses. SNDT Women's University, Bombay, 6/81-5/82.

Kenya - agricultural engineering, all areas of interest. Senior scholar preferred. University of Nairobi, 10/81-7/82.

Malawi - agricultural engineering, general courses. University of Malawi at Zomba, 9/81-7/82.

Pakistan - rural sociology, graduate courses. Quaid-i-Azam University, Islamabad, and Sind Agricultural University, Tandojam. 9/81-6/82.

Portugal - plant physiology. University of Lisbon, 10/81-6/82.

Sudan - agricultural mechanization, lecturing at undergraduate level. Gezira University, 10/81-6/82.

Turkey - food process engineering. Ege University.

For more information contact the Office of International Agriculture, 113 Mumford Hall, 333-6420.

The International Agriculture Newsletter is published monthly by the Office of International Agriculture, 113 Mumford Hall, University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items. The College of Agriculture provides equal opportunities in programs and employment.

Office of International Agriculture  
College of Agriculture  
University of Illinois at Urbana-Champaign  
113 Mumford Hall  
Urbana, Illinois 61801

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

February 1981 No. 33

## FOREIGN VISITORS IN 1980

Two hundred fifty visitors from 29 foreign countries were assisted by the Office of International Agriculture in 1980. Half of these visitors came especially to meet with INTSOY staff. This count does not include the many visiting scientists who directly contacted departments and staff in the College of Agriculture.

## MASI-UIUC AGREEMENT

The first two trainees from Zaire, sponsored through a subcontract between UIUC and the Multinational Agribusiness Systems Inc. (MASI), are enrolled in UIUC's Intensive English Institute. Later this year Lunze Lulanga and Nkusu Miasuekama will begin master's degree programs in soil science and agronomy. MASI is the prime contractor in a USAID-sponsored Agricultural Research Development Project in Zaire, and UIUC has subcontracted to manage training aspects and provide short-term technical assistance.

## TINKER FIELD RESEARCH GRANTS

March 23, 1981, is the deadline for applications for summer 1981 research grants in Latin America. UIUC graduate students and junior faculty from any discipline or campus unit are encouraged to apply. Previous field experience in Latin America is not necessary. The awards, for 6 to 14 weeks research, must be taken between May and August, 1981. For more information contact the Center for Latin American and Caribbean Studies, 1208 W. California Street, Urbana, IL 61801, 333-3182.

## ILLINOIS-INDIA LINKAGES COMMITTEE

The Illinois-India Linkages Committee met for the first time on January 8 to discuss ways in which linkages with Indian institutions could be affected. Committee members are: T. A. McCowen (chair), OIA; Dean O. G. Bentley; G. K. Brinegar, OIPS; H. S. Bryan, Veterinary Pathobiology; F. Fliegel, Agricultural Economics; J. A. Jackobs, Agronomy; M. Kogan, Agricultural Entomology; J. B. Sinclair, Plant Pathology; J. Stern, Vocational and Technical Education; and D. N. Tripathy, Veterinary Pathobiology.

## IVORY COAST TRAINEES

Eleven students from the Ivory Coast, participants in a training project sponsored by the Office of International Agriculture and the Ivory Coast Ministry of Agriculture, are now enrolled in master degree programs at U.S. universities. Last semester they attended intensive English programs at UIUC and at SUNY/ Buffalo.

They are: Didier L. Gbogou and Marie R. O. Djoussou, California State University/Fresno, agricultural economics; N'Zue Yao, University of Missouri, agronomy; Michel Manlan, University of Florida, food science; Adjobi Kraidi, Michigan State University, entomology; N'Guessan Tibe Bi, University of Illinois, entomology; Siriki Toure, Rensselaer Polytechnic Institute, statistics; Brou Oura and Kouame Yao, Southern Illinois University, forestry; and Yapo Assamoi and Falle Diabagate, North Carolina A&T State University, agricultural economics.

Currently 20 students sponsored by this program are enrolled in 11 U.S. universities.

The Office of International Agriculture welcomes the following new foreign graduate students to the Colleges of Agriculture and Veterinary Medicine.

	COUNTRY	AREA OF STUDY
AGRICULTURAL ECONOMICS		
Paul Agholor	Nigeria	agricultural marketing
Azizah Tainul	Malaysia	international agriculture development
AGRONOMY		
Lolita Nunez-Ragus	Philippines	plant breeding
Emilie E. Regnier	Switzerland	environmental agronomy
Duncan A. Vaughn	England	plant genetics
FOOD SCIENCE		
Carlos Fernandez	Venezuela	food engineering
Antonio Smith-Molina	Venezuela	food engineering
Wilmot B. Wijeratne	Sri Lanka	food processing
FORESTRY		
Ying-Jye J. Chen	Taiwan	wood science
Kondala Vikram Reddy	India	wood science
HUMAN RESOURCES AND FAMILY STUDIES		
Ruhani Halim	Malaysia	foods and nutrition
VETERINARY MEDICINE		
Tsang-Long Lin	Taiwan	pathology
Peter Ogunbiyi	Nigeria	pharmacology
V. D. N. Rao	India	animal reproduction
Sergio Rodriquez	Mexico	microbiology
Sanjay Tayal	India	microbiology
Bora Unal	Turkey	veterinary clinical medicine
Luiz Vasquez	Venezuela	theriogenology
Lionel Wandurangala	Sri Lanka	microbiology

INTERNATIONAL AGRICULTURE SEMINARS. The following seminars will be held on Wednesdays at 4:00 p.m. in room 426 Mumford Hall. These seminars are open to staff, students, and the public.

February 18	Agriculture in Southern Sudan: Development or Donor Dependency — Jean M. Due, Agricultural Economics, and John F. Due, Economics.
February 25	Design of Appropriate Models for Regional Development in Less Developed Countries — Geoffrey J. D. Hewings, Geography, and Michael C. Romanos, Urban and Regional Planning.
March 4	Higher Education in Agriculture in Indonesia-1980 — Upson S. Garrigus, Animal Science.
March 11	Policy Issues in International Agriculture — Jack R. Harlan, Agronomy, and Chair of the International Agriculture Policy Committee.
March 25	Chinese Swine Production Study Team — Daniel Gianola and Leif H. Thompson, Animal Science, and Jack Rundquist, Illinois Pork Producers.
April 1	Preview of Symposium on Food Problems in Africa, April 25 to 25 at UIUC — Charles C. Stewart, African Studies Program, and Symposium Committee.
April 8	Collecting Soybean Germplasm in China — Theodore Hymowitz and Roy W. Stahlhut, Agronomy.

## INTERNATIONAL ACTIVITIES

William N. Thompson, International Agriculture, was appointed to the International Affairs Committee of the National Association of State Universities and Land-Grant Colleges (NASULGC).

Eui-Kyo Cho completed the requirements for the Ph.D. in Plant Pathology and returned to Korea, where he will resume his position as plant virologist in the Office of Rural Development, Suwon. Dr. Cho, who studied with R. M. Goodman, developed a system for evaluating the pathogenic variation among strains of soybean mosaic virus. This system is already widely used by soybean breeders and pathologists in the U.S. and abroad.

Jean M. Due, Agricultural Economics, is a member of the Technical Committee of the Bean/Cowpea Collaborative Research Support Program (CRSP), funded by USAID. Dr. Due is now serving as UIUC contact person for information on activities in this research area. She can be reached at 311 Mumford Hall, 333-3419.

Kathleen Franklin was appointed Assistant Plant Pathologist (virology). She will work with R. M. Goodman, Plant Pathology, on INTSOY projects relating to breeding tropical soybeans for virus resistance.

Christine A. Newell, Agronomy, collected seed of Glycine tabacina, a wild relative of soybean, in the Mariana Islands during a collecting trip in September 1980.

Barbara Yates, Director of the Office of Women in International Development, will be in St. Lucia until early February conducting field work on a MUCIA project entitled "The Economic Role of Women on Small-Scale Farms in the Eastern Caribbean." The project is funded by USAID and the Women and Development Unit of the University of the West Indies.

Corrine E. Glesne, Administrative Assistant of the WID Office, will be in St. Lucia from January 14 to February 3 to assist Dr. Yates on the project.

W. Chris Stearn, INTSOY Agronomy at Puerto Rico, participated in a Workshop on Biological Nitrogen Fixation held in St. Augustine, Trinidad, from January 3 to 9.

Mark A. James, Veterinary Pathobiology, was in Venezuela from January 21 to February 4 to initiate a program in hemotropic diseases of cattle with the Universidad Occidental Central, Barquisimeto, and the Institute for Veterinary Research, Maricay.

Miodrag Ristic, Veterinary Pathobiology, was in India during January to plan research and training programs for the control of blood diseases in dairy cattle with scientists at the Central Federal Veterinary Institute, Izatnagar. Most of the cattle are owned by the Indian government. Dr. Ristic was acting as a consultant for the International Atomic Energy Agency, Vienna.

From India, Dr. Ristic will go to Nairobi, Kenya, to participate in an international symposium on East Coast fever. Michael G. Levy, Veterinary Pathobiology, will join Dr. Ristic in Nairobi for the symposium, and they will both go to Cairo, Egypt, to discuss with government and USAID officials the prevention of tick-borne diseases by immunization.

Theodore Hymowitz and David F. Hildebrand, Agronomy, presented two papers at the Second International Winged Bean Conference held in Colombo, Sri Lanka, from January 19 to 23. The papers were "Protein and Oil Control of Winged Bean Seeds as Measured by Near Infrared Light Reflectance" and "Variation in Protein Content in Storage Roots and Vegetative Growth of Winged Bean."

Jane E. Polston and Robert M. Goodman, Plant Pathology, will be in Puerto Rico from February 1 to 7 to do inoculations for an experiment in which seed transmission of various strains of soybean mosaic virus will be tested in several tropical soybean varieties and lines. The work is part of a joint INTSOY project with Luis Camacho and Jose Bravo, INTSOY Agronomy at Puerto Rico, to develop tropically adapted soybeans with virus resistance.

Michael E. Irwin, Agricultural Entomology, will be in Ecuador, Peru, and Colombia from mid-February to mid-March. In Peru he will lecture at a CACP course entitled "Segundo Curso Intensivo Sobre Control Integrado de Plagas y Enfermedades Agricola" and review

the INTSOY insect pest management project in the high selva. In Colombia and Ecuador, Dr. Irwin will discuss proposals for collaborative soybean pest management programs.

Homer Buck, Aquatic Biology Section of the Illinois Natural History Survey, will be the sole U.S. representative to an aquaculture task force to the PRC from February 12 to March 12. The international committee is sponsored by FAO.

Delbert T. Dahl and Hadley Read, Agricultural Communications, will be in Europe, Egypt, India, and Southeast Asia from mid-February to mid-April to confer with officials of USAID, other funding agencies, national agricultural universities, ministries of agriculture and education, research institutes, and extension organizations. They will discuss possible cooperative projects to establish academic teaching programs in rural journalism and communications at national agricultural universities, and the creation of one or more regional centers for teacher education.

#### VISITORS RECENTLY ON CAMPUS

Richard L. Barrows, Department of Agricultural Economics, University of Wisconsin at Madison, visited UIUC on January 26 and 27. Dr. Barrows presented a seminar entitled "Land Opportunity and Efficiency in African Agriculture," and discussed Title XII grants with faculty members.

Hannelore Bernhardt, University of Greifswald, DDR, met with M.P. Bryant, Microbiology Division of Dairy Science, from January 12 to 14.

#### VISITOR COMING TO CAMPUS

V. K. Pathak, Director, Seed Quarantine Unit, Central Plant Protection Training Institute, Hyderabad, India, will visit INTSOY staff, Plant Pathology and other units at UIUC from February 27 to March 2. Dr. Pathak is sponsored by FAO Inter-Country Programme for Integrated Pest Control in Rice in Southeast Asia. He is interested in seed pathology, disease surveillance and forecasting, and in crop loss assessment.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

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MAR 16 1981

March 1981 No. 34

## INTERNATIONAL PROGRAMS COMMITTEE

Earl D. Kellogg, Agricultural Economics, was appointed to the eleven-member "Committee on the Future of International Programs on the Urbana-Champaign Campus." The committee will consider the direction of international programs for the next decade and report to the Chancellor at the end of 1981. Staff are invited to contact Dr. Kellogg at 310 Mumford Hall, 333-1253.

## BEAN/COWPEA ROSTER

A roster of scientists interested in short-term consulting for Title XII CRSP bean/cowpea production and utilization projects is being compiled by Dr. P. Barnes-McConnell, Bean/Cowpea CRSP, 100 International Studies and Programs, Michigan State University, East Lansing, MI 48824. Interested staff are requested to contact Dr. Barnes-McConnell directly. The Office of International Agriculture would appreciate receiving an information copy of correspondence.

## AGRICULTURE ADVISORY COMMITTEE

The newly formed International Agriculture Advisory Committee will meet on April 10. Members of the committee are: Richard Feltes, Director of Crop Research, Continental Grain Company, Chicago; Gilbert Fricke, Superintendent, Division of Marketing and Agricultural Services, State of Illinois Department of Agriculture, Springfield; William Fugate, farmer, Fairbury; Lyle G. Reeser, Agricultural Consultant, Caterpillar Tractor Company, Peoria; and James M. Spata, Scientist, Ralston Purina Company, St. Louis.

## SEMINARS

March 11. Policy Issues in International Agriculture — Jack R. Harlan, Agronomy and Chair of the International Agriculture Policy Committee. 4:00 p.m., 426 Mumford Hall.

March 25. Southern Sudan: Development or Donor Diplomacy? — John F. Due, Economics, and Jean M. Due, Agricultural Economics. 12:00 p.m., G-20 Foreign Language Bldg.

March 25. Chinese Swine Production Study Team — Daniel Gianola and Leif H. Thompson, Animal Science, and Jack Rundquist, Illinois Port Producers Assn. 4:00 p.m., 426 Mumford Hall.

April 1. Preview of Symposium on Food Problems in Africa, April 23 to 25 at UIUC — Symposium Committee. 4:00 p.m., 426 Mumford Hall.

April 8. Collecting Soybean Germplasm in China — Theodore Hymowitz and Roy W. Stahlhut, Agronomy. 4:00 p.m., 426 Mumford Hall.

April 15. Winged Bean, Potential Crop for Improved Nutrition in the Humid Tropics — Navagnana Hettiarachchy, Head of the Biochemistry Department, University of Peradeniya, Sri Lanka, currently on sabbatical leave in the Food Science Department. 4:00 p.m., 426 Mumford Hall

April 22. Genetic Engineering, Plant Improvement, and International Agriculture: Contemporary Issues and Some Thoughts for the Future — R. M. Goodman, Plant Pathology. 4:00 p.m., 426 Mumford Hall.

## VISITING RESEARCHERS

Tung-ming Sung, Beijing Agricultural College, PRC, will be working with the corn breeders in Agronomy for the next year.

Masanobu Janado, Kyoto Women's University, Japan, will be a visiting professor in Food Science from March 15 to April 14. Dr. Janado will be working with T. Nishida, 106 Burnsides Laboratory, 333-1876.

## INTERNATIONAL ACTIVITIES

Arthur L. Spomer, Horticulture, participated in a four-day study tour of the western Mexico vegetable industry from January 18 to 22. Sponsored by the University of Arizona, the thirty-member team visited vegetable producers, packers, processors, shippers, and research stations in the Culiacan area of Sinaloa.

Masato Ikegami recently returned to the Department of Biochemistry, Kinki University Medical School, Osaka, Japan, after spending a year in Plant Pathology. Dr. Ikegami worked in Robert M. Goodman's laboratory on the genome structure and replication of a geminivirus under the auspices of a USDA competitive grant.

Jean M. Due, Agricultural Economics, participated in a MUCIA Women in Development meeting at the University of Minnesota from January 29 to 31, and a Bean/Cowpea Title XII CRSP Technical Committee meeting in Detroit, Michigan, from February 5 to 7.

William C. Wagner, Veterinary Biosciences, and Earl D. Kellogg, Associate Title XII Representative, participated in a Title XII seminar at the University of Maryland on February 5 and 6. The seminar, sponsored by USAID, was on the status and future of university participation in USAID programs.

William G. Ruesink, Agricultural Entomology, lectured at the Consortium for International Crop Protection (CICP) course entitled "Segundo Curso Intensivo Sobre Control Integrado de Plagas y Enfermedades Agrícolas," held in Peru during February.

Susan E. Halbert, recent Ph.D. in Agricultural Entomology, will conduct research on field transmission of soybean mosaic virus at the Nanjing Agricultural College, PRC, from March through September. The project is funded by the National Academy of Sciences.

Raymond M. Leuthold, Agricultural Economics, received a Fulbright award to study the impact of risk-return patterns as reflected by price behavior of commodity futures markets. Dr. Leuthold will conduct his research in Cergy, France, from March to July.

William N. Thompson, International Agriculture, and representatives of the Illinois soybean industry traveled to Washington, D.C., from March 4 to 6 to discuss the formation of the International Soybean Center with representatives of the Food Protein Council, National Soybean Processors Association, USDA, USAID, and BIFAD.

Allan G. Mueller, Agricultural Economics, will present a paper at the annual meeting of the Ontario Pork Producers Board, March 17 to 19.

Robert W. Howell, Agronomy, and William N. Thompson, International Agriculture, will be in Cali, Colombia, from April 6 to 8 to confer with officials at the Centro Internacional de Agricultura Tropical (CIAT) regarding proposed joint activities of INTSOY and CIAT.

Dr. Howell will also travel to Peru to review the agronomic phases of the Peru Soybean Development Project supported by USAID and INTSOY.

Munir Cheryan, Food Science, will participate in the International Workshop on Fundamentals and Applications of Surface Phenomena Associated with Fouling and Cleaning in Food Processing, being held in Sweden from April 5 to 11.

Gilbert R. Hollis, Animal Science, will be a swine production consultant in PRC from April 18 to May 10. Dr. Hollis will provide on-site consultations with state farm and municipal commune swine operations managers. The visit was arranged by the Ministry of State Farms in Beijing in liaison with the U.S. Feed Grains Council.



## VISITORS RECENTLY ON CAMPUS

Mr. Chen, Mr. Zhao, Mr. Gong, and Mr. Guo, members of a PRC delegation from Inner Mongolia, visited the College of Agriculture on January 28. Sponsored by FAO, the delegation was led by John Tse, John Deere Intercontinental, Ltd., Moline, Illinois.

Shashi Paul Sharma, a UNESCO Fellow from Punjab Agricultural University, India, discussed post-harvest technology of grains and vegetables with L. S. Wei, Food Science, and Agricultural Engineering staff on January 30 and 31.

Robert Bain, Assistant Director of Livestock Marketing and Outlook Bureau of Agricultural Economics, Australia, presented a lecture entitled "Prospects for the Australian Grain Sector and Implications for U.S. Exports" while visiting with staff in Agricultural Economics on February 12.

Helmuth Born, Bonn, West Germany, visited UIUC on February 15. Mr. Born was participating in an exchange between the American Farm Bureau Federation and the corresponding German organization. He met with Thomas A. Hieronymus and Stephen C. Schmidt, Agricultural Economics, and Robert P. Bentz, Cooperative Extension Service.

Frank Buckham and Robert Thwala, Ministry of Agriculture and Cooperatives, Swaziland, Bill Cook, Agricultural Development Officer with USAID/Mbabane, Boyd Whittle, Office of Development Resources, Bureau for Africa, AID/Washington, and Diane Blane, AFR/DR and team leader, visited UIUC on February 18. They discussed a Cropping Systems Research and Extension proposal for Swaziland submitted by the College of Agriculture.

Noel Solomons, Instituto de Nutricion de Centro America y Panama (INCAP), presented a seminar on human trace element nutrition while visiting UIUC on March 2. Dr. Solomons was supported in part by the Title XII Strengthening Program.

Earl B. Terwilliger and Frank A. Fender, International Training/USDA, discussed the plans for the 1981 Soils Course with Agronomy and International Agriculture staff on March 4.

T. J. Britz, University of the Orange Free State, South Africa, discussed anaerobic treatment of factory wastes with staff in the Microbiology Division of Dairy Science on March 9.

## VISITOR COMING TO CAMPUS

Udom Pupipat, Kasetsart University, Thailand, will be discussing cooperative research and educational activities between INTSOY and several Thai organizations with INTSOY staff from April 8 to 10.

Contact John W. Santas, 113 Mumford Hall, 333-3638, if you wish to meet with Mr. Pupipat.

## MORE FULBRIGHT AWARDS AVAILABLE

These additional Fulbright awards have been announced since those listed in the January International Agriculture Newsletter.

Application deadlines are June 1 for the American Republics, and July 1 for Asia, Africa, and Europe. For more detailed information contact the Office of International Agriculture, 113 Mumford Hall, 333-0264.

Egypt — *Drosophila* population genetics, Alexandria University.

— entomology, Minya University, 6 to 16 weeks between 10/81-2/82.

Sudan — animal ecology or genetics, Khartoum University, 7/81-4/82.

— environmental studies, Khartoum University, 7/81-4/82.

Surinam — ecology, geography, or economics, University of Surinam, 10/81-3/82.

Yugoslavia — water resource management, aquatic biology, or limnology, University of Nis, 10/81-6/82.

— aquaculture research, Institute of Oceanography and Fishing at Split, 9 month award.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

April 1981 No. 35

## SPANISH LANGUAGE INTERSESSION CLASSES

Intermediate-level classes of Spanish for agriculturalists will meet mornings from May 18 to June 5. Qualified newcomers are welcome. There is no university credit for these classes. For more information contact Thomas A. Lundgren, 4090 Foreign Language Building, 333-8058, or the Office of International Agriculture, 113 Mumford Hall, 333-6420.

## INTERNATIONAL FELLOWSHIP TO UIUC STUDENT

Hong Ru Zheng, graduate student in Agricultural Engineering, was awarded an International Fellowship by the American Association of University Women for the 1981-1982 academic year. Mrs. Zheng is on leave from her position as Development Engineer, Hangzhou Mechanical Institute, PRC.

## VISITING RESEARCHER

Regina Kraus, West Germany, began a one-year postdoctoral research position in March. Dr. Kraus is working with Gregory R. Noel and Dale I. Edwards, Plant Pathology/USDA, on the effects of herbicides on hatching of soybean cyst nematodes, and on the interaction of herbicides and nematocides. Dr. Kraus recently received her Ph.D. from the University of Bonn under the guidance of R. A. Sikora, a UIUC alumnus.

## SEMINARS

April 8. Collecting Soybean Germplasm in China — Theodore Hymowitz and Ray W. Stahlhut, Agronomy.  
4:00 p.m., 426 Mumford Hall.

April 15. Winged Bean: Potential Crop for Improved Nutrition in the Humid Tropics — Navagnana Hettiarachchy, Head of the Biochemistry Department, University of Peradeniya, Sri Lanka, currently on sabbatical leave in the Department of Food Science.  
4:00 p.m., 426 Mumford Hall.

April 21. Global Malnutrition: Past and Present Attitudes toward the Nutritional Importance of Protein — John David Millward, Senior Lecturer at the London School of Hygiene and Tropical Medicine, currently a Miller Professor in Nutritional Sciences.  
8:00 p.m., Medical Sciences Auditorium.

April 22. Genetic Engineering, Plant Improvement, and International Agriculture: Contemporary Issues and Some Thoughts for the Future — Robert M. Goodman, Plant Pathology.  
4:00 p.m., 426 Mumford Hall.

May 7. ICRISAT and its Pearl Millet Improvement Program, with Emphasis on Disease Resistance Activities — Robert Williams, Plant Pathologist at the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad, India.  
4:00 p.m., N-107 Turner Hall.

## UIUC SEMINAR FOR SOUTH ASIANS

Twelve South Asian scholars, government officials, and journalists will participate in a seminar entitled "The Management of Change." Organized by UIUC and sponsored by the U.S. International Communications Agency (USICA), the group will be on campus from April 18 to 25, followed by a three-week tour of the U.S.

Robert G. Spitze and Earl D. Kellogg, Agricultural Economics, will address the group on April 22 on "Evolution and Variety of American Agriculture," and Dale Bateman, Douglas County Extension Adviser, will arrange a visit to an Amish farm on April 24.

For more information contact Stephen P. Cohen, 260a Lincoln Hall, 333-0017.

## FOOD PROBLEMS IN AFRICA SYMPOSIUM

The Food Problems in Africa Symposium will be held in the Illini Union from April 22 through 24. All sessions are open to the public. Session titles are Contextual Factors, Food Supply Problems, Food Use and Human Welfare, Public Policies, and Options for the Future. Each session consists of a keynote address followed by three or four papers.

The symposium is sponsored by the African Studies Program, Office of Women in International Development and the International Colloquium, with support from the Title XII Strengthening Program, the Ford Foundation, and the U.S. International Communications Agency.

For further details contact the African Studies Program, 1208 W. California St., Room 101, 333-6335.

## INTERNATIONAL SOYBEAN CENTER

A meeting was held at UIUC on March 30 to discuss a proposal for establishing an International Soybean Center. The meeting was called by the Center planning committee, made up of Illinois soybean producers and seed industry representatives, and representatives of the INTSOY Executive Committee. Fourteen universities, the U.S. Agency for International Development, the U.S.D.A., the Board for International Food and Agricultural Development, and the American Soybean Association were represented at the meeting.

## INTERNATIONAL ACTIVITIES

William H. Judy, INTSOY agronomist and coordinator of the INTSOY variety improvement program, left UIUC in early March to accept a position with the Bureau for Africa of USAID/Washington.

C.C. Yeh recently returned to Taiwan after completing his Ph.D. in Plant Pathology. Dr. Yeh's address is: Department of Plant Pathology, Taiwan Agricultural Research Institute, Wu-Feng, Taichung, Taiwan.

Michael F. Hutjens, Dairy Science, presented two lectures on obtaining optimum milk production through nutrition and management at the Ontario Dairy Day programs, held February 17 in Kempville, and February 18 in Belleville. Dr. Hutjens also participated in a workshop held in eastern Ontario on February 16. He was sponsored by the Ontario Ministry of Agriculture.

Earl D. Kellogg, Agricultural Economics, recently lectured on the world food situation as part of a program presented by the Illinois Agricultural Association entitled "Agriculture Leaders of Tomorrow."

W. Chris Stearn, INTSOY Agronomy at the University of Puerto Rico, participated in an international workshop on biological nitrogen fixation held at CIAT (Centro Internacional de Agricultura Tropical), Cali, Colombia, from March 9 to 13. Dr. Stearn presented a paper on the INTSOY international Rhizobium experiments.

Hoyle B. Puckett, Agricultural Engineering and USDA/SEA/AR, will present an invited paper entitled "Realtime Measurement and Analysis of Data for the Dairy Herd" at the 10th Symposium of Technical Section IV of the International Congress of Agricultural Engineering, held at the University of Nottingham, England, from April 9 to 10. The paper is coauthored by S. L. Spahr, Dairy Science, and E. F. Olver, Agricultural Engineering. While in England Dr. Puckett will meet with researchers at the National Institute for Research in Dairying, the National Institute of Agricultural Engineering, and the University of Reading.

Stephen C. Schmidt, Agricultural Economics, presented a seminar on "U.S. and International Food and Trade Policy Issues" during a program organized by the Chicago Council on Foreign Relations, March 11.

Alvin I. Nelson, Food Science (emeritus), will be in Cairo, Egypt, from April 1 to 22 to discuss the development of a soybean research program with faculty and administration at Ain Shams University.

Darrel L. Good and Lowell D. Hill, Agricultural Economics, will be in Brazil from March 19 to April 9 to study marketing policies and crop reporting procedures.

Dr. Hill will be making a series of visits as part of a marketing and quality comparison project administered through the Illinois Department of Agriculture. In Brazil he will work with soybeans, in Argentina with corn and soybeans, and in South Africa with corn. While in South Africa Dr. Hill will deliver a paper entitled "Risk and Uncertainty in International Grain Markets" at a meeting of the Agricultural Economics Association of South Africa.

T. Roy Bogle, Cooperative Extension Service, will be part of a three-member team studying state farms in the People's Republic of China from April 27 to May 22. They will investigate organization and operations, including managerial decision making, statistical systems and procedures, and the relationship between provincial and state authorities. This visit is part of an exchange program arranged through the International Science and Education Council.

#### VISITORS RECENTLY ON CAMPUS

W. Mark Fruin, Senior Research Associate, Harvard School of Business Administration, presented a lecture entitled "Three Hundred Years of Kikkoman: Company, Clan, and Community in Japan" on March 4.

Yoshishige Sato, Sumitomo Chemical Company, Osaka, Japan, discussed pesticides with Fred W. Slife and Ellery L. Knake, Agronomy, Robert L. Metcalf, Entomology, and Eli Levine and William H. Luckmann, Economic Entomology, on March 10 and 11.

Arne Møller of Agri-Contact, Denmark, visited with Agricultural Engineering staff on March 10.

Jerszy Kuzma, Dean of Extension Programs, Agricultural and Teacher's University, Siedlce, Poland, visited the College of Agriculture on March 11. He was accompanied by Roger Darding and Stephen Horak, Eastern Illinois University. EIU is a sister-university to the Agricultural and Teacher's University.

James Henson, Coordinator of International programs at Washington State University, Pullman, and formerly Director of the International Laboratory for Research on Animal Diseases (ILRAD), Nairobi, Kenya, visited the laboratories of John A. Shadduck, Veterinary Pathobiology, on March 3. The visit was part of a World Health Organization site team review of a project on safety testing of insect microbial pathogens.

Jose Marcio de Moura Silva, Brazilian Ministry of Agriculture, visited Illinois Foundation Seed Co., and met with John W. Santas, International Agriculture, Marcos Kogan, Agricultural Entomology, and Paulo Galerani, Brazilian graduate student in Extension Education, on March 30.

T. John Tucker, Secretary of the University of Sierra Leone, met with Thomas A. McCowen, International Agriculture, Robert F. Long, Cooperative Extension Service, Alfred G. Harms, Agricultural Economics, and Vincent I. West, OIPS, on March 16.

Kenneth E. Harshbarger, Dairy Science (emeritus), and currently leader of the MUCIA Higher Agricultural Education Project in Indonesia, was on campus during the week of March 30 for consultations.

#### VISITORS COMING TO CAMPUS

John David Millward, Senior Lecturer in Nutritional Biochemistry, London School of Hygiene and Tropical Medicine, will be a Miller Visiting Professor in Nutritional Sciences from April 20 to May 1. Dr. Millward will present a series of lectures on mammalian protein

turnover at 4:00 p.m. on April 23, 24, 27, 28, 29, and 30 in the Medical Sciences Auditorium. He will also present a lecture on global malnutrition, April 21 (see seminar listing on page 1).

S. P. Mistry, 259 Animal Sciences Laboratory, 333-0110, is arranging his visit.

Robert Williams, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad, India, will visit UIUC from May 6 to 8. On May 7 he will present a seminar on ICRISAT's pearl millet program (see seminar listing on page 1).

To meet with Dr. Williams contact Paul D. Shaw, N-519 Turner Hall, 333-1531.

## RESEARCH FELLOWSHIPS IN INDIA 1982-1983

The application deadline is July 1, 1981 for 12 long-term (6 to 10 months) and 9 short-term (2 to 3 months) 1982-1983 advanced research fellowships in India. Sponsored by the Indo-U.S. Subcommission on Education and Culture, there are no restrictions on subject area. Scholars who have limited or no experience in India are especially encouraged to apply.

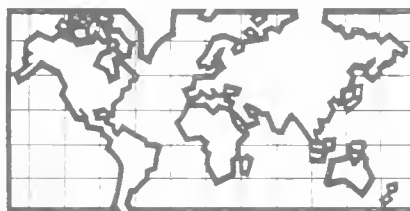
For more detailed information contact the Office of International Agriculture, 113 Mumford Hall, 333-0264

The International Agriculture Newsletter is published monthly by the Office of International Agriculture, 113 Mumford Hall, University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items. The College of Agriculture provides equal opportunities in programs and employment.

Office of International Agriculture  
College of Agriculture  
University of Illinois at Urbana-Champaign  
113 Mumford Hall  
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# International Agriculture Newsletter

College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

May 1981 No. 36

## VISITING RESEARCHERS

Tomasz Motyl, University of Warsaw, Poland, is a visiting researcher in Food Science from mid-April through mid-October. He is working in the laboratory of John A. Milner on amino acid and protein metabolism. Dr. Motyl can be reached at 448 Bevier Hall, 333-4589.

Nathalie Laurent of the Institute Merieux, Lyon, France, will be working with researchers in the hemotropic disease section of Pathobiology through August. Dr. Laurent will learn procedures developed here for culturing cells of hemotropic agents. This training is part of a joint research program for the study of arthropod-borne diseases of man and animals. Miodrag Ristic is the program administrator, and Michael G. Levy is principal investigator.

Alfredo Coronado, Universidad Centro Occidental, Lara, Barquisimeto, Venezuela, will be visiting Veterinary Pathobiology from April through August. He is participating in a recently formalized project between UIUC and the Universidad Centro-Occidental for research and training on the control of blood diseases of cattle.

Xu Zhi-gang, Nanking Agricultural College, PRC, will begin a one-year nondegree trainee program in Plant Pathology beginning in May. Mr. Xu will work with Robert M. Goodman and Cleo J. D'Arcy. He is supported by an FAO grant.

## TROPICAL SOILS COURSE

Nazeer Ahmad, Head of the Department of Soil Science at the University of the West Indies, St. Augustine, Trinidad, will teach a course entitled "Use, Management, and Classification of Tropical Soils" during the Fall 1981 semester. Dr. Ahmad will be supported in part by the Title XII Strengthening Program.

Contact John D. Alexander, Agronomy, N-407 Turner Hall, 333-3650 for more information.

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## SEMINAR

May 7. ICRISAT and its Pearl Millet Improvement Program, with Emphasis on Disease Resistance Activities — Robert Williams, Plant Pathologist at the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad, India. 4:00 p.m., N-107 Turner Hall.

## 1982 NEAR EAST/SOUTH ASIA LECTURESHIPS

July 1 is the deadline for teaching awards in one or more Near Eastern and South Asian countries. These short-term lectureships (6 weeks to 2 months) begin between February and September 1982. There are no subject area restrictions.

For more information contact the Office of International Agriculture, 113 Mumford Hall, 333-0264.

## INTERNATIONAL ACTIVITIES

Theodore Hymowitz, Agronomy, was an FAO legume consultant in Guinea and Guinea-Bissau during March.

Jean M. Due, Agricultural Economics, was in Tanzania from April 4 to 18 as part of a team negotiating contracts with the Government of Tanzania and the University of Dar es Salaam for USAID and the Title XII Bean/Cowpea CRSP (Collaborative Research Support Program).

Jack R. Harlan, Agronomy, presented an invited paper entitled "Evaluation of Wild Relatives of Crop Plants" at the Technical Conference on Genetic Resources held in Rome, Italy, from April 6 to 10. The conference was sponsored by FAO, IBPGR (International Board of Plant Genetic Resources) and the U.N. Environmental Program.

Stephen C. Schmidt, Agricultural Economics, participated in the Eastern Economic Association annual meetings held in Philadelphia from April 9 to 11. Dr. Schmidt presented an invited paper entitled "Agricultural Trade of COMECON Countries: Retrospect and Prospect."

F. Wilfred Lancaster, Library and Information Science, was in New York City April 21 to 25 to discuss UIUC's proposed degree program in agricultural librarianship with UNDP and UN Training Office personnel. The trip was supported by the Title XII Strengthening Program.

David H. Baker, Animal Science, was a guest speaker at the University of Guelph's Nutrition Conference held in Toronto on April 28. Dr. Baker spoke on amino acid balance in swine feed formulation.

Janice M. Bahr, Animal Science, received a National Science Foundation award to organize a conference for U.S. and Canadian scientists. Held May 1 at NSF headquarters in

Washington, D.C., the conference identified problems in obtaining non-mammalian protein hormones. These hormones, limited in supply because of current extraction procedures, are used for growth and reproduction studies as well as to test pesticides and drugs.

Frank J. Stevenson, Agronomy, presented a paper on copper organic matter reactions in soil at the International Conference on Copper in Soils and Plants held May 4 through 7 at Murdoch University in Perth, Australia. After the conference Dr. Stevenson will visit soils research laboratories in Canberra and Adelaide.

John R. Romans, Animal Science, was invited to return to Barbados for two weeks beginning May 18 to continue his work with carcass evaluation of Black Belly sheep. Dr. Romans will also present workshops on lamb and beef fabrication and processing.

Sorab P. Mistry, Animal Science, will be a guest professor at the Swiss Federal Institute of Technology, Zurich, during June. Dr. Mistry will conduct research on membrane transport and present a series of lectures on metabolic regulation.

Mark A. James, Pathobiology, was at the Instituto Colombiano Agropecuario (ICA), Bogota, Colombia, for two weeks in April and May. He performed a serological study on serum samples from a recent vaccination experiment against bovine babesiosis. He also spent several days at the Nacional Instituto de Investigaciones Agropecuarias, Maracay, Venezuela, to establish a project on the control of tick-borne blood diseases of cattle.

On June 1 Dr. James will begin a three year appointment at the Universidad Centro-Occidental, Barquisimeto, Venezuela for a project entitled "Study of the Hemotropic Diseases of Cattle in Venezuela." This is a cooperative project involving the Universidad and UIUC's Center for Zoonosis Research, Veterinary Medicine.



## VISITORS RECENTLY ON CAMPUS

Louis Debatisse, Institut de Gestion Internationale Agro-Alimentaire, and Gerard Decourselle, Chef du Service Cereales, Caisse Nationale de Credit Agricole, Paris, France, met with Agricultural Economics faculty, and visited local farm credit institutions, the Andersons Grain Elevator, farms, and a farm implement dealer in Farmer City from March 20 through 22.

Jacques Dedieu, Jean François, Michel Jorda, and Philippe Azaiz, Institut Auguste Comte, Paris, France, visited UIUC on April 3. They discussed futures trading, and production and consumption statistics for oilseeds crops with Thomas A. Hieronymus and Stephen C. Schmidt, Agricultural Economics.

Bimla Nangia, Lakshmibai College, University of Delhi, India, and Kanta Ahiya, Maharani's College, University of Rajasthan, India, participated in a discussion on higher education of women in India on April 7. They were sponsored by the Office of Women in International Development and the Center for Asian Studies.

Ah-Tien Hung, Upland Crop Section Chief and soybean breeder, Kaoshiung District Agricultural Improvement Station, Department of Agriculture and Forestry, Taiwan, visited UIUC from April 8 to 10. He met with Theodore Hymowitz, Richard L. Bernard, Cecil D. Nickell, Joseph A. Jackobs, and Randell L. Nelson, Agronomy, C. C. Yeh, Plant Pathology, and Marcos Kogan, Agricultural Entomology. Mr. Hung is a visiting scientist at Iowa State University.

D. H. Rackham, Scottish Institute of Agricultural Engineering, Midlothian, Scotland, visited Agricultural Engineering on April 28 and 29. He discussed corn and soybean field production, with emphasis on conservation tillage and soil erosion reduction, with John C. Siemens and John W. Hummel.

Charles Hynes, Galloway, Ireland, met with Dean O. G. Bentley and Michael F. Hutjens, Dairy Science, on April 8.

Richard Vogen, International Marketing, Illinois Department of Agriculture, and Hudson Wong, Illinois Department of Agriculture's Hong Kong Office Representative, presented a seminar entitled "The Mission and Program of the State of Illinois Office in Hong Kong" on April 14.

Stephen Brush, Associate Director of the Anthropology Division of the National Science Foundation, presented a seminar on Andean potato agriculture on April 24.

## VISITORS COMING TO CAMPUS

Patrick Rousseau, Université Catholique de Louvain, Centre de Recherches de Gestion Internationale, Belgium, will meet with INTSOY staff from May 7 to 9. Mr. Rousseau is investigating, in terms of the next century, the world agro-alimentary systems and new biotechnology for protein production.

Others who would like to meet with Dr. Rousseau should contact John W. Santos, 113 Mumford Hall, 333-3638.

T. N. Ananthakrishnan of the Entomology Research Institute, Loyola College, Madras, India, will visit the INTSOY thrips research project and the Illinois Natural History Survey Insect Museum from May 20 to 23.

To meet with Dr. Ananthakrishnan contact Michael E. Irwin, 172 Natural Resources Bldg., 333-6659.

S. R. Verma, Dean, College of Agricultural Engineering, Punjab Agricultural University, Ludhiana, India, will visit Agricultural Engineering on May 20 and 21. Dean Verma's trip is sponsored by UNESCO.

Contact the Department if you wish to meet with him: 202 Agricultural Engineering Building, 333-3570.

## MUCIA POSITION IN THE CARIBBEAN

MUCIA is searching for a consultant to analyze data about local extension services and needs as part of the MUCIA Eastern Caribbean Agricultural Extension Project.

For details contact Vincent I. West,  
3019 Foreign Language Building,  
555-1993.

## ADDITIONAL FULBRIGHT OPPORTUNITIES

Applications are due June 1 for the American Republics, Australia, and New Zealand, and July 1 for Africa, Asia, Europe, and the Middle East for 1982/83 Fulbright appointments. Awards available in agriculture include:

Australia — soil and water management;  
stigma exudates in horticultural plants

Egypt — plant development and pathology

Ireland — systems analysis and farm machinery management

New Zealand — nutrition education

Nigeria — agricultural sciences

Peru — appropriate technologies in agriculture or food processing

Sudan — irrigation design or agricultural development; nutrition or home economics

Turkey — soil fertility and nutrient uptake

Contact the Office of International Agriculture, 113 Mumford Hall, 333-0264, for more detailed information.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

June 1981 No. 37

## WOMEN IN DEVELOPMENT NETWORK

The spring planning meeting of the MUCIA Women in Development Network was held at UIUC on April 24 and 25. Participants discussed the possible formation of a national association of individuals and institutions interested in the economic and social roles of women in developing countries. Further information can be obtained from the Office on Women in International Development, 3034 Foreign Language Building, 333-1977.

## INTSOY SHORT COURSE

Eight participants are enrolled in the 1981 Technical and Economic Aspects of Soybean Production course. Instruction began May 18 and continues through August 7. Attending are: W. M. S. Bowatte, Seed Production Specialist, Sri Lanka Department of Agriculture Seed Farm Division; Paulo R. Galerani, National Soybean Research Center, Brazil; Hajijulla M. Hadjirulla, Crops Specialist and Research Coordinator, Mindanao State University, the Philippines; Faustino Hidalgo, Soybean Development Project, Peru Ministry of Agriculture; Fathi M. Khalifa, Senior Agronomist in charge of oilseeds research, Sudan; Juju Bhai Manandhar, Plant Pathologist, Nepal; Nkusu Miasuekama, Research Agronomist, Zaire; and Frankie J. M. Sung, Associate Professor of Agronomy, Chung-Hsing National University, Taiwan.

## ANIMAL DISEASE SEMINAR

A seminar on animal diseases that are not indigenous to the U.S. was held April 29 and 30 in the Large Animal Clinic Auditorium. More than 150 veterinarians and livestock producers attended sessions given by international authorities on disease recognition, transmission, and control methods. Diseases discussed included rinderpest, African swine fever, and Venezuelan equine encephalomyelitis. The seminar was sponsored by USDA's Animal and Plant Health Inspection Service in cooperation with UIUC's Department of Veterinary Clinical Medicine.

## INTERNATIONAL ACTIVITIES

Ronald D. Smith, Veterinary Pathobiology, was in Argentina, Uruguay, and Brazil for three weeks in April and May to evaluate programs to control bovine anaplasmosis, babesiosis, and tick vectors. This consultancy was sponsored by the Interamerican Institute for Agricultural Cooperation (IICA).

Delbert T. Dahl and James F. Evans, Agricultural Communications, and Earl D. Kellogg, Title XII Associate Representative, met with USDA and USAID officials in Washington, D.C. to develop programs in agricultural information science and teaching agricultural communications in foreign countries on May 7 and 8.

Aldon H. Jensen, Animal Science, will spend four weeks at the National Swine and Poultry Research Center, Santa Catarina, Brazil, during May and June. This visit is at the invitation of the Brazilian government.

Poo Chow, Forestry, traveled to the U.S. Forest Products Laboratory, Madison, Wisc., to meet with a group of scientists from the Chinese Academy of Forestry, Beijing, PRC, from May 13 to 18. The group is on a study tour of the USA, Germany, and Japan sponsored under a UNDP/FAO grant.

Dr. Chow has also accepted an invitation to serve for two years as an external examiner for B.S. and postgraduate students in the wood processing engineering program at the University of Ibadan, Nigeria.

Joseph A. Jackobs, Agronomy, will be in Sri Lanka from May 22 to June 8 to assist Carl N. Hittle, INTSOY Sri Lanka soybean project leader, in closing out INTSOY's activities in the Sri Lanka Soybean Development Program.

Dr. Hittle, who has directed the INTSOY portion of the program since its establishment in 1975, will return to UIUC in August.

Sandra L. Brown, Forestry, will be in Venezuela and Puerto Rico from May 24 to June 19. In Venezuela she will lecture on forested wetlands and visit research sites at the Instituto Venezolano de Investigaciones Cientificas, Caracas. At the Institute of Tropical Research, Rio Piedras, Puerto Rico, Dr. Brown will work on a grant entitled "The Role of Tropical Forests in the Global Carbon Cycle."

Bruce L. Dixon, Agricultural Economics, will be in Europe in late June. At the Institut de Gestion Internationale Agro-Alimentaire, Paris, Dr. Dixon will discuss marketing strategies for animal feed producers. At the meetings of the Society for Economic Dynamics and Control, Copenhagen, he will present a paper entitled "Private versus Social Optima in Agricultural Pest Management." Dr. Dixon will also meet with researchers at the University of Gottingen, Germany.

John H. Behrens, Agricultural Communications, will assist with curricula development, training programs, facilities, and equipment at the Institute Pertanian Bogor, Indonesia, during June.

John W. Santas, William N. Thompson, and Thomas A. McCowen, OIA, will participate in the Association of U.S. University Directors of International Agricultural Programs (AUSUDIAP) annual meetings, Texas A&M University, June 9 to 11.

Alfred G. Harms, Agricultural Economics, and Thomas A. McCowen, INTSOY, will participate in the preparation and presentation of the final contract report of the INTSOY soybean project in Peru. Dr. Harms will be in Peru from June 14 to July 13 and Mr. McCowen from July 1 to 10.

While in Peru Dr. Harms will collect data for a four-year comparison of change in credit extended for soybean cultivation, volume of soybean purchased at government buying stations, and expansion of soybean cultivation.

Hal W. Everett, Agricultural Economics, and Mary Schultz, graduate student in Agricultural Economics, will survey pricing efficiency in the Brazilian soybean market from June 29 to July 20. This project is sponsored by a UIUC Tinker Foundation Research Grant.

Jack R. Harlan, Darrell A. Miller, Donald W. Graffis, and Richard P. Walgenbach, Agronomy, will participate in the XIV International Grasslands Conference being held at the University of Kentucky, Lexington, from June 15 to 22.

The Agronomy Department will display an exhibit of UIUC's forage research activities.

James B. Sinclair, Plant Pathology, will be in Thailand for three weeks beginning May 29 to establish a research program on control measures for seed and seedling diseases of food crops. This consultancy is at the invitation of the Thai government through USAID and INTSOY.

William N. Thompson, OIA, was reappointed to a two-year term on the State of Illinois Agricultural Export Advisory Committee.

## VISITORS RECENTLY ON CAMPUS

Seon-Kyo Kim, Department of Horticulture, Chungbuk National University, Cheong-ju Korea, visited the laboratories of John S. Titus and Seong-Mo Kang, Horticulture, from March 27 to 29.

Joland van den Haspel recently completed a two-month traineeship on salt priming of tomato seeds for direct seeding. He worked with John M. Gerber, Horticulture. These studies were part of a practicum required in the advanced degree program at Landbouwhogeschool, Wageningen, Holland.

Gale Schisler, former member of the Illinois State Legislature and the U.S. House of Representatives, visited UIUC on April 17 and 18. Mr. Schisler was gathering information on agriculture in Nigeria and met with Dean O. G. Bentley, William N. Thompson and Thomas A. McCowen, OIA, Everett Heath, Veterinary Medicine, Roger L. Courson, Vocational Agriculture Services, Leon A. Mayer, Agricultural Education, Charles C. Stewart, African Studies, Raymond A. Woodis, Agricultural Communications, and Andrew J. Sofranko and Earl D. Kellogg, Agricultural Economics.

Sholom Sharar, Technion, Israel, discussed a possible cooperative project on greater utilization of digital computers in routine management of dairy herds with Hoyle B. Puckett, Agricultural Engineering, and Sidney L. Spahr, Dairy Science, on April 22 and 23.

Mary Tadesse, Chief of the African Training and Research Center for Women, United Nations Economic Commission for Africa, attended the MUCIA Women in Development Network meeting held at UIUC on April 24 and 25. Ms. Tadesse discussed the possibilities of cooperating with counterparts in African countries.

W. Chris Stearn, INTSOY Agronomy at Puerto Rico, was on campus May 27 and 28 to meet with INTSOY and Agronomy Staff.

P. Rajamahendran, Department of Pharmacology, University of Peradeniya, Sri Lanka, W. S. Woo, Natural Products Research Institute, Seoul National University, Korea, Mohammed Abdul Gafur, Senior Research Officer, Bangladesh Council for Scientific and Industrial Research (BCSIR), and Olaolu Jaiyesimi, Faculty of Pharmacology, University of Ife, Nigeria, met with Upson S. Garrigus, Animal Science, Charles N. Graves, Dairy Science, and Erwin Small, Veterinary Medicine, on April 27.

Mohammed Sulyman, a consultant to the U.S. embassy in Pakistan, was at UIUC the week of May 4 to investigate crops such as peanuts, soybeans and sunflowers to replace poppy cultivation. He met with John C. Siemens, Agricultural Engineering, Alfred G. Harms and Sheldon W. Williams, Agricultural Economics, James B. Sinclair, Plant Pathology, Michael E. Irwin, Agricultural Entomology, Alvin I. Nelson and Wilmot Wijeratne, Food Science, L. Touby Kurtz, George F. Sprague, Walter O. Scott, Joseph A. Jackobs and Ellery L. Knake, Agronomy, and W. N. Thompson, OIA.

Victor I. Nazarenko, Director of the All-Union Institute of Information, Vladimir Miloserdov, Director of the Research Institute for Economics, and Alexander Matveev, Secretary for Scientific and Technical Cooperation with Foreign Countries, Pushkin Institute, USSR, were on campus May 6. They met with Russell T. Odell, D. E. Alexander, and M. Gene Oldham, Agronomy, Hoyle B. Puckett, Agricultural Engineering, and Sidney L. Spahr, Dairy Science. Robert Eliasson, Director of Marketing (East Europe) for Control Data Corporation, and Harold Reetz, Purdue University Agronomy Department and UIUC graduate, accompanied them.

Hans Lingert, Swedish Food Research Institute, Chalmers University, Gottenberg Sweden, discussed Maillard reaction products and their chemistry with Edward G. Perkins, Food Science, on May 12.

## VISITORS COMING TO CAMPUS

Youseff S. Hafez, University of Maryland, Eastern Shore, will be at UIUC from June 3 to 5 to discuss research on utilization of soybeans in human nutrition and possible cooperation with Egyptian scientists working on this topic.

To meet with Dr. Hafez contact John W. Santas, 113 Mumford Hall, 333-3638.

Jean Peret, Centre du Nutrition, Meudon, France, will meet with faculty in Nutritional Sciences, Dairy Science, and Animal Science from June 5 to 11. Dr. Peret will present two noon seminars in room 341 Animal Sciences Laboratory: "Metabolic Adaptations to a High Protein Diet" on June 8 and "Limitations to Gluconeogenesis in the Neonatal Piglet" on June 9.

Contact James L. Robinson, 350 Animal Sciences Laboratory, 333-2469, to meet with Dr. Peret.

H. A. Al-Jibouri, FAO/Rome, will meet with INTSOY staff from June 22 to 26.

T. Bergstrom and H. J. Olsen, Department of Agricultural Engineering, Swedish University of Agricultural Sciences, Uppsala, Sweden, will visit Agricultural Engineering on June 18.

Miklos Bercsenyi, geneticist at the Fish Culture Research Institute, Hungary, will visit UIUC and the Illinois Natural History Survey from June 19 to 30 to discuss the problems and potentials of Chinese carp hybridization. Dr. R. Weldon Larimore, INHS, is serving as his host while in Illinois. FAO is sponsoring the trip.

Shinichi Mizutani, T. Hasegawa Co., Ltd. Tokyo, Japan, will meet with L. S. Wei, Food Science, on June 22 to discuss soy beverage flavors.

E. L. Leafe, Grasslands Research Institute, Australia, will meet with Richard H. Hageman and Doyle B. Peters, Agronomy, the week of June 29.

To meet with Mr. Leafe contact the Agronomy Office, W-201 Turner Hall, 333-3420.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

UNIVERSITY OF ILLINOIS

July 1981 No. 38

## UIUC/ZAMBIA PROJECT

UIUC was selected as the lead university to assist the Zambia Ministry of Agriculture and Water Development in a project entitled "Zambia Agricultural Development: Research and Extension." Southern Illinois University at Carbondale and the University of Maryland, Eastern Shore, will also collaborate in this project for the U.S. Agency for International Development.

A team of Zambian and USAID personnel visited UIUC on June 18 and 19. Team members were: Winter Chibasa, Zambia Deputy Director of Agriculture for Research; John Remba, Zambia Principal Coordinator for Foreign Assistance; Ernest Gibson, Agricultural Development Officer, USAID/Zambia; and Al Harding and David Schaer, Bureau for Africa, USAID/Washington. Participating in the discussions from UMES were James F. Ragin and Jagmohan Joshi, and from SIU-C Dean Gilbert Kroening, William A. Doerr, Oval Myers, Farrel Olson, and Howard Olson.

Pending completion of contract negotiations, it is expected that a seven member technical assistance team will be assigned to Zambia by the end of the year. For further information contact Thomas A. McCowen or William N. Thompson, Office of International Agriculture, 113 Mumford Hall, 333-6420.

## HYMOWITZ HONORED

Theodore Hymowitz, Agronomy, was recently elected as a fellow of the Linnean Society of London.

## VISITING RESEARCHERS

L. J. G. van der Maesen, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad, India, is a visiting scholar in Agronomy. Dr. van der Maesen, who arrived in June, will work for one year with Theodore Hymowitz on legume taxonomy.

Also working with Dr. Hymowitz this summer is Christophe Parot. Mr. Parot, an undergraduate at the University of Toulouse, France, is completing a summer traineeship required for his degree.

Jacobus Laubscher, South Africa, will spend a year working with Agricultural Economics staff beginning July 1 on a study to compare the South African livestock marketing board system with the U.S. marketing system.

Stephen Hickman, Silsoe, England, will work with J. Kent Mitchell, Agricultural Engineering, for six months beginning mid-July as a non-degree trainee.

## ICARDA POSITION OPEN

The International Center for Agricultural Research in the Dry Areas, Aleppo, Syria, is currently searching for a Deputy Director General (Research). A job description can be obtained from the Office of International Agriculture, 113 Mumford Hall, attn. B. Irwin, 333-0264.

## SOIL FERTILITY COURSE

Instruction began June 8 and will continue through July for the 1981 Soil Fertility Course. This short course is conducted by UIUC's Agronomy Department in cooperation with the Office of International Agriculture and the International Training Division of USDA. Participants are: Balehat Sagala, Indonesia; Hazel A. Richardson, Jamaica; Ezekiel B. O. Balah, Kenya; Raphael C. Obioha, Nigeria; Marcelino P. Toledo and Imelda E. Santos, the Philippines; Manuel J. S. Gonclaves, Portugal; and Lubanga Lunze, Zaire.

Theodore R. Peck is the technical leader, assisted by L. Touby Kurtz, John D. Alexander, and G. S. Brinkman.

## INTERNATIONAL ACTIVITIES

Violet M. Malone, Extension Education, was an invited panelist at the 1981 meetings of DIDACTA, an international association for education technology, held in Basle, Switzerland, in March. Dr. Malone addressed the questions "What should the schools be teaching today for the future?" and "In which ways could educational materials contribute to their task?"

John S. Titus, Horticulture, presented an invited paper entitled "Recent Advances in Fruit Tree Nutrition" at a general session of the Korean Society for Horticultural Science, Choon Nam University, Dae Jeon, on May 9.

Dr. Titus also lectured and met with researchers and graduate students at Seoul National University, Sung Kyun Kwan University, Korea University, and Osaka Prefecture University, Japan.

Fred A. Kummerow, Food Science, participated in a workshop entitled "The Role of Biomembranes in the Integrity and Function of Cells" held May 17 to 25 at the Medical and Pharmaceutical Institute, Cluj-Hapoca, Romania. The workshop was sponsored by the Romanian National Council for Science and Technology and the National Science Foundation.

Ronald D. Smith, Veterinary Pathobiology, led discussions on the epidemiology, prevention, and control of bovine anaplasmosis and babesiosis at a seminar on hemoparasites of cattle and their control held June 9 to 11 in Guayaquil, Ecuador. Sponsored in part by USAID, the seminar was organized by INIAP (Instituto Nacional de Investigaciones Agropecuarias) in collaboration with the Banco del Pacifico, Asociación de Ganaderos Litoral, and the International Agricultural Development Service (IADS).

Thomas J. Ward, Cooperative Extension Service, Kankakee County, collected information on youth programs in agriculture while in Ireland for two weeks in mid-June.

Ben A. Rasmusen, Animal Science and President of the International Society for Animal Blood Group Research, met with the society's executive committee on June 13 at Jouy-en-Josas, France. They discussed plans for the next international conference, which will be held in Ottawa, Canada, in 1982.

Michael C. Theodorakis, Veterinary Pathobiology, met with the Radio Pharmacy faculty of the Universidad Nacional Autonoma de México from June 15 to 17.

Corrine Glesne, Education, will begin a six-month consultancy in early July for the MUCIA Eastern Caribbean Extension Program. She will assist in developing extension plans for St. Vincent and Grenada.

Marcos Kogan, Agricultural Entomology, and Jenny Kogan, Soybean Insect Research Information Center (SIRIC), will participate in the 4th Latin American Congress of Entomology, Maracay, Venezuela, from July 5 to 10. Marcos Kogan will present an invited paper on assessment of damage to field crops by insects and economic injury evaluation. Jenny Kogan will present a display about SIRIC.

Robert L. Metcalf, Entomology, is also attending and will present a paper entitled "Trends in the Use of Chemical Insecticides."



UIUC was well represented at two recent conferences. Attending the Plant Physiology Association meetings in Quebec, Canada, July 13 to 20 were: J. D. Paxton, Plant Pathology; D. Jordan, R. Klein, M. Fjerstad, P. Gruenwald, C. A. Adams, R. L. Finke, R. W. Rinne, A. R. Portis, D. E. Koeppe, and M. H. Spalding, Agronomy; D. B. Dickinson, Horticulture, and J. S. Boyer, Botany. Dr. Boyer was elected president of the Association beginning in October.

At the XIV International Grassland Congress held at Lexington, Ky., from June 15 to 24 Darrell A. Miller, Donald W. Graffis, and Richard P. Walgenbach, Agronomy, presented a display of forage research activities. George C. Fahey, Larry L. Berger, and Piet van der Aar, Animal Science, presented invited papers. Dr. Fahey and Dr. Berger spoke on chemical treatments of low quality roughages, and Mr. van der Aar on the influence of forage quality in voluntary food intake.

William R. Oschwald, Director of the Cooperative Extension Service, is one of six members of the U.S. Soil Management and Productivity Delegation touring PRC from June 23 to July 21. The team will observe wind and water erosion control systems; practices for maintaining productivity on eroded and intensively cultivated soils; use of crop residues, organic wastes, and plant materials; and crop production and water management in intensive agriculture. They will also investigate the applicability of the USDA system of soil taxonomy in PRC, especially in wet and paddy soils.

Sung M. Lim, Plant Pathology, is one of ten soybean researchers chosen for a recognition program sponsored by the American Soybean Association and ICI Americas. The ten will participate in a tour that will include visits to Iowa, Illinois, Indiana, North Carolina, Maryland, and London, England, from July 5 to 15.

Alfred G. Harms, Agricultural Economics, will be in Costa Rica from July 15 to 24 at the invitation of USAID/Costa Rica to analyze soybean production costs.

Lloyd E. Davis, Veterinary Biosciences, participated in a continuing education program at the Conference of the Atlantic Provinces Veterinarians, Nova Scotia, Canada, and visited the Clinical Pharmacology Unit at Montreal General Hospital from June 25 to 28.

#### VISITORS RECENTLY ON CAMPUS

Lazar Ignjatovic, Professor of Sanitary Engineering, University of Nis, Yugoslavia, visited UIUC from May 12 to 22 as a Fulbright Fellow. He discussed curricula in environmental engineering and studied use of fish in wastewater treatment systems. R. Weldon Larimore, Illinois Natural History Survey, was his host.

Tim Evans, soil scientist for the Metropolitan Public Health Division of the Thames Water Authority, London, England, discussed the environmental impact of trace elements from sewage sludge applied to land with Thomas D. Hinesly, Agronomy, on May 22.

J. S. G. Joubert, Vice Director of Agricultural Production Economics, Pretoria, South Africa, visited Agricultural Economics from May 19 to 21. He reviewed computer budgeting methodology for use in studies on cost of crop production.

Hiroyuki Miki, design engineer, and Jitsuo Yoshida, assistant manager of tractor engineering for Kubota Ltd., Japan, discussed research in agricultural mechanization with faculty in Agricultural Engineering on May 28.

N. B. Basnyat, Dean, Institute of Agriculture and Animal Science, Tribhuvan University, Nepal, met with John W. Beecher, Agriculture Librarian, Robert E. Sullivan, Agriculture Administration, and Robert J. Lambert and Uma Gupta, Agronomy, on June 8 and 9.

Fernando Vaz and Waldir Passarella, Cargill International, Brazil, discussed pet food nutrition with Animal Science staff on June 18.

Pelendo Beledu Mawe, National Security Council and Economic Advisor for Rural Development, Ebaka Ebongo Ngwa, Radio-Renapac, Maloka Makonji, Community Development Advisor, Manzongo Likengo, Bank of Zaire, and Koyabambi Guga, National University of Zaire, visited UIUC from May 31 to June 1. They discussed a possible UIUC/Zaire rural development project with staff in the African Studies Program, Agricultural Economics, OIPS, OIA, Secondary and Continuing Education, Political Science, Dairy Science, Vocational and Technical Education, and Educational Policy Studies.

Ebaka Ebongo Ngwa returned to UIUC on June 19 for follow-up discussions.

Gerald Cavalié, Université Paul Sabatier, and André Bouniols, INRA, Toulouse, France, met with R. W. Rinne and other soybean scientists on June 8 and 9 to discuss soybean physiology.

A. H. Bosma and A. H. Ipema, Institute of Agricultural Engineering, Wageningen, Netherlands, visited UIUC on June 12. Mr. Ipema discussed automation of dairy cow feeding with Hoyle B. Puckett, Agricultural Engineering, and Sidney L.

Spahr, Dairy Science. Mr. Bosma discussed forage quality and storage with Michael E. Hutjens, Jimmy H. Clark, and Edwin H. Jaster, Dairy Science.

Ramiro C. Alvarez, Chief, Publications and Information Division, Ministry of Agriculture, Philippines, met with Agricultural Communications and Agricultural Publications staff from June 15 to 20. Mr. Alvarez also visited Missouri and Kansas as part of a tour to study publication and information offices of cooperative extension services in land-grant institutions.

Stefan Bahcivangi, Director, Research Livestock Station, Cristian-Sibiu, Romania, visited UIUC from May 31 to June 2. Sponsored by the National Academy of Sciences, Dr. Bahcivangi discussed the application of animal genetic research to cattle, sheep, and goats with Ben A. Rasmusen, Animal Science, and Roger D. Shanks, Dairy Science.

G. S. Sirohi, Center for Advanced Studies in Plant Physiology, Indian Agricultural Research Institute, New Delhi, India, met with plant physiologists on July 1 and 2. His trip was sponsored by FAO.

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# International Agriculture Newsletter

College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

August 1981 no. 39

## USDA SEED IMPROVEMENT COURSE

Sixteen participants from 12 countries were at UIUC from July 20 to 29 as part of the Seed Improvement Course conducted by Mississippi State University. A. W. Burger led the Agronomy program, and John H. Behrens the program for Agricultural Communications.

## NEW STAFF

Sam H. Johnson III has joined the Department of Agricultural Economics as professor of international agricultural economic development. Dr. Johnson has worked in Pakistan and most recently as agricultural program officer for the Ford Foundation in Thailand. He can be contacted at 450 Mumford Hall, 333-0753.

## VISITING RESEARCHERS

Jittima Vongchindarak, Agricultural Information Centre, Northern Region Agricultural Development Centre, Chiang Mai, Thailand, recently began a six-month FAO fellowship in the Office of Agricultural Communications. Her study program will focus on agricultural information systems.

Poorna Thapliyal, plant pathologist at G. P. Pant University of Agriculture and Technology, Pantnagar, India, is a visiting professor in Plant Pathology. He will work with James B. Sinclair on soybean pathogen interactions.

Robert Dumsday, La Trobe University, Victoria, Australia, will be a visiting scientist in Agricultural Economics this year. Dr. Dumsday will work with Wesley D. Seitz on evaluating conservation programs.

Sayad Al-Guedaway, Veterinary Officer for the Ministry of Defense, and Mahmoud Amin, Cairo University, Egypt, are visiting professors in Veterinary Medicine. They will work with Borje K. Gustafsson, Veterinary Clinical Medicine, on animal reproduction.

Lidia Arciszewska, Institute of Plant Biology, Warsaw, Poland, will work with John A. Milner, Food Science, for one year on the use of the *Salmonella typhimurium* test to evaluate the influence of normal dietary nutrients on chemical mutagenicity.

Karen Horn and Folke Rohrsen, two veterinary students from the College of Veterinary Medicine, Hanover, Germany, will work in the Veterinary Medical Teaching Hospital, UIUC, from July 15 to September 15. Their traineeship is sponsored under an exchange agreement between the two universities.

## SABBATICALS BEGINNING IN AUGUST

William M. Walker, Agronomy, will develop statistical models and methodology for multiple cropping systems while at the International Rice Research Institute (IRRI), the Philippines.

Allan G. Mueller, Agricultural Economics, will study decision making by farmers working under a fixed farm product pricing system at the University of the Orange Free State and the Department of Economics and Markets, Pretoria, South Africa, for six months.

William G. Ruesink, Agricultural Entomology, will spend a year at the Plant Research Institute, Victoria Department of Agriculture, Melbourne, Australia. Dr. Ruesink will develop computer simulation models of agricultural pests for use in forecasting and decision making.

Sonya B. Salamon, Family Relationships, has a one-year guest appointment at the Institute of Planning and Economic Research, College of Social Sciences, Grenoble, France.

James E. Harper, Agronomy/USDA, will work with Alan Gibson, CSIRO, Canberra, Australia, on symbiotic nitrogen fixation.

Barbara P. Klein, Foods and Nutrition, will spend six months in Israel, West Germany, and England investigating new techniques for studying lipooxygenase activity in plant materials.

#### INTERNATIONAL ACTIVITIES

Raymond F. Cerkauskas, recent Ph.D. in Plant Pathology, has a postdoctoral appointment with the Centro Internacional de Agricultura Tropical (CIAT), Cali, Colombia. He will work in Brazil on tropical forage legumes.

Donald L. Day, Agricultural Engineering, presented a seminar on biogas and feed from livestock manure at the East-West Center in Hawaii in June. The seminar was sponsored by the Hawaiian Institute of Tropical Agriculture and Human Resources.

Lloyd C. Helper, Veterinary Clinical Medicine, led a 24-member team of Illinois veterinarians on a two-week tour of PRC and Hong Kong in late June. The team was sponsored by People to People International, a non-profit, private organization.

Daniel B. Meador, Horticulture, participated in the International Symposium on Growth Regulators in Fruit Production. Held at Cornell University from June 20 to 26, the symposium was sponsored by the International Society for Horticultural Science.

Dennis M. Conley, Agricultural Economics was in Brazil from June 29 to July 20 to conduct research on the pricing efficiency of the Brazilian soybean market.

Earl R. Swanson, Agricultural Economics, participated in meetings of the Research Advisory Committee of USAID held in Washington, D.C., from July 18 to 23.

Robert M. Goodman, Stephen M. Haber, and Jane E. Polston, Plant Pathology, and Michael E. Irwin, Agricultural Entomology, participated in the International Conference on Plant Virus Disease Epidemiology held in Oxford, England, July 27 to 31. In conjunction with this conference Dr. Goodman organized a workshop on pathogens transmitted by whiteflies.

After the conference Dr. Irwin and Ms. Polston met with researchers at experiment stations in Rothamstead, England, and Aberystwyth, Wales. Mr. Haber presented a paper at the 5th International Congress of Virology, August 2 to 7, Strasbourg, France. Dr. Irwin presented a keynote address on virus epidemiology at the International Working Group on Legume Viruses, Versailles, France, August 9 to 11.

Marcos Kogan, Agricultural Entomology, and Robert M. Goodman, Plant Pathology, are part of a six-member Soybean Germplasm Evaluation and Bio-Control team which will tour PRC for one month beginning in early August. Sponsored by the USDA, the team will visit soybean germplasm and research centers in northeast and east central PRC to discuss possible cooperative work and review research on disease resistance and biological control of insects. Other team members are: R. D. Riggs (leader), University of Arkansas; R. Palmer, Iowa State University; S. Turnipseed, Clemson University; and K. Smith, American Soybean Assoc.

Stephen M. Ries, Plant Pathology, will present an invited paper entitled "Factors Affecting Motility of *Erwinia amylovora* at the 5th International Conference on Phytopathogenic Bacteria, Cali, Colombia, August 16 to 23. The conference is sponsored by the International Society for Plant Pathology and the Centro Internacional de Agricultura Tropical (CIAT).

Mahmood A. Khan, Foods and Nutrition, will meet with faculty and administrators at Ain Shams University and Cairo University, Egypt, from August 17 to 22.

Richard H. Hageman, Martin H. Spalding, William L. Ogren, and John D. Hesketh, Agronomy, will participate in the 13th International Botanical Congress in Sydney, Australia, August 21 to 28. Dr. Hageman will lead a seminar on leaf senescence, Dr. Ogren will convene a symposium on photorespiration, and Mr. Spalding will give two presentations. Dr. Hageman and Dr. Hesketh will also attend preconference workshops.

Frederick C. Fliegel, Agricultural Economics, will present a paper at the Rural Sociological Society meetings being held in Guelph, Canada, from August 19 to 24.

#### VISITORS RECENTLY ON CAMPUS

Barry Nadel, Volcani Institute of Agricultural Research, Israel, visited the laboratory of Robert M. Skirvin, Horticulture, April 29 to 30 and discussed the use of tissue cultures for breeding fruit crops.

Jean de Preneuf, Paris, France, met with INTSOY staff on June 18.

Amos Feigin, Volcani Institute of Agricultural Research, Bet-Dagan, Israel, met with Agronomy staff and presented a seminar on soil and crop aspects of irrigation with treated sewage effluents on June 26. L. Touby Kurtz coordinated his schedule.

M. Ehsan-ul Haq, Arbor Acres Pakistan Ltd., visited UIUC from June 30 to July 2. He discussed soybean production, processing, and use with College of Agriculture staff.

Sri Anand Sarup, Vice Chancellor of G. B. Pant University of Agriculture and Technology, Pantnagar, India, visited UIUC from July 1 to 4. He met with Vice-Chancellor E. L. Goldwasser, George K. Brinegar, OIPS, William N. Thompson, INTSOY, and Del T. Dahl and James F. Evans, Agricultural Communications. On July 2 he presented a seminar on G. B. Pant University.

Jose Bravo, INTSOY agronomist in Puerto Rico, met with INTSOY staff from July 14 to 17.

Jean-Paul Charvet, Geography Department, University of Paris, France, met with UIUC researchers from July 13 to 17. Mr. Charvet is preparing a comparative analysis of grain production and marketing in France, Hungary, and the U.S. He met with Jerome D. Fellman, Geography, Charles C. Cagley, John T. Scott, Lowell D. Hill, Chester B. Baker, Harold D. Guither, and Stephen C. Schmidt, Agricultural Economics, and John D. Alexander, Agronomy. He also toured the Lyle Grace farm.

Isabelo Suelo Alcorido, President of Central Mindanao University, the Philippines, met with Agronomy staff on July 15. Dr. Alcorido received his Ph.D. from UIUC in 1968.

Frank Alleyne, Head of the Department of Economics, University of the West Indies, Cave Hill, Barbados, was a guest of Agricultural Economics for two weeks beginning July 17.

Dr. Anandi, an agricultural economist from the University of Dar es Salaam, Tanzania, visited Agricultural Economics for the month of July. He worked on a computer program for the farming systems project in which he and Jean M. Due are participating.

Moshe Bar-Joseph, Volcani Institute of Agricultural Research, Israel, visited Plant Pathology on July 20.

Ian P. Cumbus, Oxford Polytechnic, discussed the use of waste heat in agriculture with Agricultural Engineering staff on July 27.

Antonio Grasselli, Veterinary Medicine, University of Parma, Italy, met with Edwin H. Jaster and Michael F. Hutjens, Dairy Science, and Hoyle B. Puckett and Errol D. Rodda, Agricultural Engineering, from July 20 to 27.

S. S. Rajan, senior advisor for oilseeds, FAO, Baghdad, Iraq, discussed soybean production with Dan Erickson, Agronomy, James B. Sinclair, Plant Pathology, John C. Siemens, Agricultural Engineering, and Thomas A. McCowen, INTSOY, July 28.

Junyi Gai, Nanjing Agricultural College, PRC, and currently a visiting scholar at Iowa State University, met with H. H. Hadley, Agronomy, and other soybean researchers from July 20 to 24.

Kanji Gotoh, Hokkaido University, and Astuhiko Kamura, University of Tokyo, Japan, visited UIUC from July 20 to 24 sponsored by the US-Japan Cooperative Program in Plant Physiology. Hosted by Richard H. Hageman and William L. Ogren, Agronomy, they presented seminars on carbon and nitrogen interactions in crop protection.

Anton Amburger, Technical University, and Hans Behnke, SKE Company, Munich, Germany, discussed nitrification inhibitors with R. G. Hoeft, Agronomy, July 24

Edi Guhardja, Vice Rector for Academic Affairs, and Professor Barizi, Head of the Statistics Department, Bogor Agricultural University, Indonesia, met with staff in Agricultural Communications, Agricultural Economics, Agronomy, Animal Science, and Agricultural Administration from July 31 to August 1.

VISITORS COMING TO CAMPUS. If you wish to meet any of these visitors contact John W. Santas, 113 Mumford Hall, 333-363.

A. D. Assa, Ministry of Agriculture, Ivory Coast, will arrive August 9 to review the status of the Ivory Coast/UIUC training project.

G. Oblisami, Head of the Department of Agricultural Microbiology, Tamil Nadu Agricultural University, Coimbatore, India, will discuss legume rhizobia symbiosis with Plant Pathology and Agronomy staff on August 10 and 11.

H. F. Chin, Universiti Pertanian Malaysia, will be at UIUC on August 14 to discuss seed production and storage.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

September 1981 no. 40

## WILBUR DAHL BUDDEMEIER

Wilbur D. Buddemeier, professor emeritus of Agricultural Economics and Associate Dean, died August 13. Dr. Buddemeier had a long and distinguished career in international agriculture, and played an instrumental role in the agricultural universities development program in India.

From 1970 to 1978 he served as Director of International Agriculture and Associate Dean of the College of Agriculture. Dr. Buddemeier was a member of the U.S. Congress Food Advisory Panel, and participated in the preparation of the Famine Prevention Act of 1975. He was active in the University YMCA, serving on its Board of Directors, and in other community organizations. Memorials may be made to the University of Illinois Foundation.

## SPANISH LANGUAGE CLASSES

Spanish 199, section B, "Introduction to the Language and Cultures of Latin America for Agriculture and Related Fields" will be taught this semester. The class will meet at 3:00 p.m., Monday through Thursday, in room 1120 Foreign Language Building.

Intermediate-level classes of Spanish for agriculturalists will continue during the fall semester.

Plan now to attend the intensive intersession classes scheduled for December and January.

Contact the Department of Spanish, Italian, and Portuguese, 4080 Foreign Language Bldg., 333-3390, for more information about these classes.

## INTSOY DIRECTOR NAMED

On December 21 Harold E. Kauffman will join the College of Agriculture as INTSOY Director and Professor of Plant Pathology. Dr. Kauffman has coordinated the international rice testing program at the International Rice Research Institute (IRRI), the Philippines, since 1972. From 1968 to 1971 he was an IRRI outreach scientist for the All-India Coordinated Rice Research Project.

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## VISITING RESEARCHERS

Mirrian Perez, Universidad Centro-Occidental Lisando Alvarado, Venezuela, is spending six weeks learning immunologic techniques in the laboratory of Miodrag Ristic, Veterinary Pathobiology.

M. Amin Abd. Allah, Ain Shams University, Egypt, began a ten-week non-degree program on August 15. Dr. Amin is working with Alvin I. Nelson, Food Science, on soybean processing.

Hiromichi Kondo, Kinjo Gakuin University, Japan, is spending a year with Richard M. Forbes, Animal Science, investigating bioavailability of trace elements in soy products.

Olfat El-Bagoury, Ain Shams University, Egypt, will work with Joseph A. Jackobs, Agronomy, for one year on soybean seed physiology, beginning September 10.

Tomoniki Ichikawa, Institute of Agricultural Machinery, Japan, will study advanced theory and techniques for harvesting corn and soybeans in Agricultural Engineering for one month beginning September 14.

R. Leyden Baker, Raukura Agricultural Research Centre, New Zealand, has a three year visiting professorship in Animal Science. He will work with Daniel Gianola on experimental and theoretical quantitative genetics.

#### MASI TRAINEES

Two trainees from Zaire, sponsored through the Multinational Agribusiness Systems, Inc. (MASI), completed English-language training at UIUC and are now enrolled in graduate schools. Lunze Lubanga will study soil sciences at the University of Wisconsin, Madison, and Nkusu Miasuekama will study agronomy at the University of Missouri, Columbia.

#### INTERNATIONAL ACTIVITIES

Daniel B. Meador, Horticulture, attended the International Symposium on Growth Regulators in Fruit Production, Geneva, New York, June 20 to 26.

David J. Wehner and Thomas W. Fermanian, Horticulture, participated in the International Turfgrass Society meetings at the University of Guelph, Ontario, Canada, July 18 to 25.

Sidney L. Spahr, Dairy Science, was at the Israel Institute of Technology, Haifa, for two weeks in July to discuss a joint project on automation and electronics in dairy management. The project is sponsored by the U.S.-Israel Bi-National Agricultural Research and Development (BARD) fund. En route, Dr. Spahr visited the National Institute for Agricultural Engineering, Silsoe, England, and the Institute for Agricultural Engineering, Wageningen, the Netherlands.

Lowell D. Hill, Agricultural Economics, delivered a paper at the International Symposium on Cereals, Copenhagen, Denmark, August 8 to 23.

Jean M. Due, Agricultural Economics, participated in a tax revision study in Indonesia from August 15 to September 7. The study was sponsored by the Harvard Institute for International Development.

Raymond G. Cragle, Director of the Agricultural Experiment Station, is part of a four-member team visiting Romania and Bulgaria from August 18 to September 5. The visit will promote information exchange on cattle breeding and management.

Jeffrey O. Dawson, Forestry, will present an invited paper at the 17th meeting of the International Union of Forestry Research Organization, Kyoto, Japan, September 4 to 18.

Daniel Gianola, Animal Science, will be in Uruguay from September 8 to 19. He will present an invited paper on advances in genetic evaluation of dairy cattle and moderate a symposium at the annual meetings of the Asociacion de Ingenieros Agronomos del Uruguay. Dr. Gianola will also address the Uruguayan Holstein Association. The program is sponsored by the Holstein Association of America.

Roger R. Yoerger, Agricultural Engineering, will participate in the 6th Joint Ergonomics Symposium, Germany, September 9 to 11.

Erwin Small, Veterinary Medicine, will preside at the 16th Annual Meeting of the Society of International Veterinary Symposia being held in Munich, Germany, and Zurich, Switzerland, from September 12 to 26. Dr. Small is president of the society.

James B. Sinclair, Plant Pathology, will be in Thailand during September as a consultant to the Thai government and USAID. He will plan a research program on seed and seedling disease control measures for soybeans, peanuts, mungbeans, vegetables, rice, corn, and sorghum.



## VISITORS RECENTLY ON CAMPUS

Peter Lamin, British farmer, discussed small grain research and production in Illinois with Donald W. Graffis, Cooperative Extension Service, on July 23. Mr. Lamin was hosted by Champaign resident Richard Lahroff.

Ms. Casas, Bogota, Colombia, discussed Food Science teaching, research, and extension activities with staff members on July 27.

H. H. Nagarch, Central Potato Research Institute, Simla, India, visited Plant Pathology on July 27. Dr. Nagarch, an alumnus of UIUC, is president of the Indian Potato Association and Secretary General of the Asian Potato Assoc.

Rachel Katz, Soils and Fertilizers Division, Israel Institute of Technology, met with Richard H. Hageman, Robert G. Hoeft, and Frank J. Stevenson, Agronomy, to discuss plans for cooperative research, July 28 to 31.

Mr. Dryer, Food Research Institute, South Africa, met with staff in Animal Science and Food Science on July 31.

Roberto Ritter, plant breeder, Federal University of Santa Maria, Brazil, visited UIUC on August 4. He was accompanied by Oval Myers, Department of Plant and Soil Sciences, Southern Illinois University, Carbondale.

Laxman Singh, agronomist at the Caribbean Agricultural Research and Development Institute, St. Kitts, West Indies, met with Dan R. Erickson and Henry H. Hadley, Agronomy, Errol D. Rodda, Agricultural Engineering, and Thomas A. McCowen and John W. Santas, OIA, on August 6 and 7.

Kenneth Deeble, Ministry of Agriculture, Reading, England, visited UIUC from August 11 to 13. Mr. Deeble received his degree in Animal Science in 1961.

Sabrina Lee, American Soybean Association/Singapore, and Maxine Isert, ASA/St. Louis, met with John W. Santas, INTSOY; Marvin P. Steinberg, L. S. Wei, and John W. Erdman, Food Science; and L. Ross Hackler, Foods and Nutrition, on September 1.

Fan Yaohui, Liu Deling, Wang Huanbing, and Huang Yaoxin, Ministry of Agriculture, PRC, visited Illinois from August 11 to 14 to study livestock feeding operations and the relationship between research and extension activities. They met with Dean O. G. Bentley; T. Roy Bogle, Cooperative Extension Service; Earl D. Kellogg, OIA; Poo Chow, Forestry; and Floyd A. Giles, Horticulture. The team also visited the Illinois State Fair, the Jack Rundquist farm, and the Montgomery County soybean plots at the Jack Welsh farm.

K. S. L. Karna and M. P. Upadhyay, Nepal, and currently M.S. candidates at Kansas State University, met with Henryk Jedlinski and Wayne L. Pedersen, Plant Pathology, on August 14.

Niels Greve, Vejlbj Agricultural School, Denmark, discussed food technology and hog production with Joseph Tobias, Food Science, and Aldon H. Jensen, Thomas R. Carr, and Leif H. Thompson, Animal Science, on August 17 and 18.

Ten Brazilian seed producers, sponsored by the American Seed Trade Association, visited Urbana-Champaign on August 20. They met with Walter O. Scott, Agronomy, and visited the Agronomy South Farm, Illinois Foundation Seed Co., and the Illinois Crop Improvement Association.

A. O. B. deAlmeida, Sri Lanka Ministry of Agricultural Development and Research, studied the Illinois soybean industry from August 22 to 30. He met with Joseph A. Jackobs, Robert W. Howell, Dan R. Erickson, Marlowe D. Thorne, Carl N. Hittle, and Gary E. Pepper, Agronomy; L. S. Wei, Food Science; Alfred G. Harms and Sheldon W. Williams, Agricultural Economics; and William N. Thompson and Thomas A. McCowen, OIA. Mr. deAlmeida also visited the Archer Daniels Midland Co., Illinois Crop Improvement Association, USDA Regional Soybean Laboratory, Tuscola Cooperative Grain Co., and Illinois Foundation Seeds.

Clayton Seeley, USAID/Indonesia Education Officer, visited UIUC on August 17 and conferred with faculty in the Office of Agricultural Communications.

## VISITORS COMING TO CAMPUS

Birger Danfors, Swedish Institute of Agricultural Engineering, Uppsala, will discuss tillage, soil compaction, and crop production with Agricultural Engineering staff on September 4.

One hundred and twenty Brazilians, sponsored by a fertilizer company in Porto Alegre, will visit UIUC on September 9. Parry Dixon, American Soybean Association, will accompany them.

Inoslava Balarin, Institute for Plant Protection, Zagreb, Yugoslavia, will meet with James E. Appleby, Economic Entomology, on September 14 and 15. Sponsored by a USDA program on biological control of weeds and pests of crops, Dr. Balarin will collect natural enemies of the sycamore lace bug.

Darrell I. McLean, South African National Building Research Institute, will meet with Gene C. Shove, Agricultural Engineering, on September 15 to discuss solar grain drying.

The Tokyo Grain Exchange Team will visit UIUC on September 16 for a program on U. S. soybeans, production economics, storage options, and marketing.

Japanese Soybean Study Team, led by Mr. Tezuka, Shokuhin Sangyo Shimbun, will visit UIUC on September 29.

## WOMEN IN DEVELOPMENT SEMINAR

September 18. Women and Development in the Eastern Caribbean — Pat Ellis, Women in Development Unit, University of the West Indies.

3:00 p.m., Levis Faculty Center Reading Room.

The International Agriculture Newsletter is published monthly by the Office of International Agriculture, 113 Mumford Hall, University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items. The College of Agriculture provides equal opportunities in programs and employment.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

October 1981 no. 41

## INTERNATIONAL ACTIVITIES

Carl M. Parsons, Katherine P. Boebel, and Ted W. Odom, Animal Science, participated in the 70th annual meeting of the Poultry Science Association, Vancouver, Canada, August 3 to 7.

Richard H. Hageman, Agronomy, was an invited participant in a symposium on leaf senescence at the International Botanical Congress, Sydney, Australia, in August. While in Australia, he met with researchers at agricultural experiment stations in Victoria.

James B. Sinclair, Plant Pathology, recently coordinated a shipment of books and journals to the Agricultural Library at Kasetsart University, Thailand. The shipment included 45 volumes on soil science donated by Mrs. B. W. Ray, Agronomy.

Burton E. Swanson, Agricultural Education, was in Belize, Antigua, and St. Vincent from August 16 to September 5 for consultations on the MUCIA/University of the West Indies Caribbean Agricultural Extension Project.

Wayne L. Banwart, Agronomy, presented a paper at the 28th Congress of the International Union of Pure and Applied Chemistry, held in Vancouver, Canada, from August 16 to 21.

Andrew J. Sofranko and Jerry W. Robinson, Agricultural Economics, participated in the Rural Sociological meetings in Guelph, Canada, from August 19 to 24.

Brendan C. McKiernan and Rodney A. W. Rosychuk, Veterinary Clinical Medicine, participated in the Society for International Veterinary Symposia, held in Munich, Germany, and Zurich, Switzerland, from September 12 to 26.

Robert M. Goodman, Plant Pathology, visited the Institute of Plant Virus Research, Tsukuba, Japan, for several days in early September. He presented a seminar on geminiviruses and discussed research on tropical legume viruses with Institute staff.

Michael E. Irwin, Agricultural Entomology, was in Peru from September 5 to 18 to continue work on the INTSOY insect pest management project located in the high jungle zone.

Joseph DiPietro, Veterinary Clinical Medicine, was in Argentina from September 5 to 10 as a member of the Merck Sharp Dohme equine ag-vet panel. He lectured to the Argentinian equine practitioners association on clinical experiences with Ivermectin, a new anthelmintic.

Miodrag Ristic, Veterinary Pathobiology, participated in a conference on immunological methods in malariology, Lyon, France, from September 6 to 14. The conference was sponsored by the World Health Organization (WHO) and the Institute Merieux, France.

Dr. Ristic was recently elected President of the Society of Tropical Veterinary Medicine.

Jack R. Harlan, Agronomy, attended a planning session in Washington, D.C., for an international symposium on genetic diversity. To be held in November, the symposium is sponsored by the National Academy of science, USAID, and the Board on Science and Technology for International Development.

Dr. Harlan was in Paris, France, for consultations from September 27 to October 4 at the invitation of the French National Overseas Research Organization.

Sorab P. Mistry, Animal Science, was in England from September 18 to 21. Invited by Peter House at the University of Cambridge, he visited laboratories and institutes in London and Cambridge, and presented seminars on nutritional biochemistry.

Stephen C. Schmidt, Agricultural Economics, presented a paper entitled "Agriculture in Hungary: Success and Shortcomings" at the annual convention of the American Association for the Advancement of Slavic Studies, Monterey, California, September 19 to 24.

Thomas A. McCowen, OIA, left in late September for two to three months in Zambia where he will assist with the USAID-funded technical assistance project on agricultural research and extension.

Leon A. Mayer, Agricultural Education, is Chief of Party on the project and will be in Zambia during October.

Upton S. Garrigus, Animal Science, will be in Thailand from September 21 to mid-October for consultations with the livestock section of USAID.

D. E. Alexander, Agronomy, will be in Yugoslavia for two weeks in September and October at the invitation of the Maize Research Institute, Zemun Polje. Recently elected an honorary member of the Association of Genetic Societies of Yugoslavia, Dr. Alexander will participate in the 2nd Congress of Yugoslavian Geneticists.

Johannes M. J. deWet, Agronomy, leaves October 3 for a two-month overseas trip. From October 4 to 9, he will participate in a meeting of the sorghum/millet advisory committee of the International Board of Plant Genetic Resources (IBPGR), in Dakar, Senegal. Dr. deWet will then go to ICRISAT (International Crop Research Institute for the Semi-Arid Tropics) until November. While at ICRISAT he will co-chair the genetic resources section of a conference entitled "Sorghum in the '80s." In early December Dr. deWet will visit herbaria in West Germany, France, and England.

W. Chris Stearn, INTSOY Agronomy in Puerto Rico, will visit NIFTAL staff in Hawaii during the first week in October to discuss cooperative INTSOY/NIFTAL international soil microbiology experiments.

James F. Evans, Agricultural Communications, will be in the Philippines in October as part of a UIUC/University of the Philippines at Los Banos study team. The team will propose the establishment of an international center for agricultural communications education at UPLB.

William C. Wagner, Veterinary Biosciences, was an invited participant at a seminar sponsored by the EEC on the physiology of the post-partum cow, Freising, West Germany, September 29 to October 3.

Robert G. Hoeft, Agronomy, will present a paper entitled "Crop Response to Sulfur" at the Symposium on the Use of Sulfur for Development and Modernization of Agriculture in Latin America, November 9 and 10 in Mexico City, Mexico.

#### VISITORS COMING TO CAMPUS

Ariel Lugo, Institute of Tropical Forestry, Puerto Rico, will meet with Sandra L. Brown, Forestry, from September 28 to October 2. On October 2 he will present a seminar on mangrove ecosystems (see seminar listing).

Ruh Hwa Ma, Nanjing Agricultural College, and Shu Chi-Feng, Beijing Agricultural University, PRC, will visit UIUC from October 23 to 28 to discuss soybean genetics and breeding. Their trip is sponsored by FAO. Dr. Ma received his Ph.D. in Agronomy from UIUC in 1950.

If you wish to meet with Dr. Ma and Dr. Feng contact John W. Santas, 113 Mumford Hall, 333-3638.

Octavio Guazzelli, President, and John Machado, Engineer, Telcon S.A., Sao Paulo, Brazil, will discuss grain storage structures with Agricultural Engineering staff from October 12 to 14. Gene C. Shove, 234 Agricultural Engineering, 333-6762, is arranging their schedule.

## SEMINARS

October 2 Ecology and Management of Mangrove Ecosystems — Ariel Lugo, Institute of Tropical Forestry, Puerto Rico.  
11:00 a.m., W-115 Turner Hall.  
(Forestry Department Seminar)

October 2 INTERPAKS - Proposed Interdisciplinary Program — Burton E. Swanson, Agricultural Education, and James F. Evans, Agricultural Communications.  
3:45 p.m., 402 Levis Faculty Center.  
(International Colloquium)

October 7 China's Agriculture — T. Roy Bogle, Cooperative Extension Service.  
4:00 p.m., 426 Mumford Hall.

October 14 Utilization of Soybeans in Egypt — M. Amin.  
CANCELLED

October 21 China: Soil and Water Conservation and Some Other Impressions — William R. Oschwald, Cooperative Extension Service.  
4:00 p.m., 426 Mumford Hall.

October 23 Tropical Forests in Latin America: Effects of Human Disturbance on the Global Carbon Cycle — Sandra L. Brown, Forestry.  
noon, 441 Administration Building. (Latin American and Caribbean Studies Brown Bag Colloquium)

October 28 Plugging Soybeans in Peru — Alfred G. Harms, Agricultural Economics.  
4:00 p.m., 426 Mumford Hall.

November 4 Sri Lanka Soybean Development Program — Carl N. Hittle, Agronomy.  
4:00 p.m., 426 Mumford Hall.

November 11 Development Management — K. L. K. Rao, Indian Institute of Management, Bangalore, India.  
4:00 p.m., 422 Mumford Hall

November 18 Progress Report: Zambia Agricultural Project — Leon A. Mayer, Agricultural Education and William N. Thompson, Office of International Agriculture.  
noon, G-20 Foreign Language Building.  
(African Studies Seminar)

November 18 An Assessment of the Dairy and Beef Cattle Industries in Bulgaria and Rumania — Raymond G. Cragle, Agricultural Experiment Station.  
4:00 p.m., 426 Mumford Hall

December 11 Water, Agriculture, and People in the Western Llanos of Venezuela: A Development (?) Project — James Kerr, Ecology.  
noon, 441 Administration Building. (Latin American and Caribbean Studies Brown Bag Colloquium)

OPPORTUNITIES. For further information on these items, contact Carolyn Pribble, 113 Mumford Hall, 333-6421.

Fulbright Teacher Exchange 1982-1983.  
November 1 is the application deadline for the exchange program offered through the U.S. Department of Education. Positions are available in Canada, France, Germany, New Zealand, Switzerland, and the U.K.

Center for International Studies Support.  
November 2 and March 1 are the application deadlines for support from the Center for International Studies. The Center funds exploratory research in international fields.

Sources of Dissertation Support and Application Deadlines.

October 15 Newberry Library Short-Term  
March 1 Fellowships. For applications write: Committee on Awards, 60 W. Walton St., Chicago, IL 60610

November 1 Inter-American Foundation, doctoral or post-doctoral research. Apply to the Latin American Center, 1208 W. California St., Urbana, IL 61801

November 2 Social Science Research Council: international doctoral research. Write: SSRC Fellowships and Grants, 605 Third Ave., New York, NY 10016

November 26 National Science Foundation Graduate Fellowships. Write: Fellowship Office, National Research Council, 2101 Constitution Ave., Washington, D.C. 20418

November 28 Fulbright-Hays Doctoral Dissertation Research Abroad Fellowships

## MORE VISITORS RECENTLY ON CAMPUS

Louis Jackai, International Institute of Tropical Agriculture (IITA), Nigeria, met with Economic Entomology and Agricultural Entomology staff on August 27.

Karlos Stasny, corn breeder at the Botinec Agricultural Experiment Station, Zagreb, Yugoslavia, visited the corn group in Agronomy from September 8 to 10.

Patrick Rousseau, International Business Management Center, Catholic University of Louvain, Belgium, discussed the world protein situation in the 21st century with Marvin P. Steinberg, Food Science, and John W. Santas, OIA, on September 10.

Gilberto Bastidas R., national coordinator of grain legumes research for the Instituto Colombiano Agropecuario (ICA), visited UIUC on September 10 and 11, and the INTSOY soybean project in Puerto Rico on September 13 and 14. At UIUC, he met with Carl N. Hittle, Joseph A. Jackobs, Dan R. Erickson, Richard L. Bernard, and Robert W. Howell, Agronomy; and Earl D. Kellogg and John W. Santas, OIA.

Masoyuki Takeuchi, Department of Regulation Biology, Saitama University, Urawa, Japan, spent September 11 to 19 with Jack M. Widholm, Agronomy. On September 16 Dr. Takeuchi presented a seminar entitled "Freeze Preservation of Plant Cells and Protoplasts."

JuJu Wahju, Institut Pertanian Bogor, Indonesia, met with Dean Orville G. Bentley, Earl D. Kellogg, OIA, and Agricultural Communications staff on September 14 and 15 to discuss the proposed establishment on an agricultural communications program at IPB.

Ramon Lastra, Instituto Venezolano de Investigaciones Cientificas, Caracas, spent the week of September 14 meeting with Plant Pathology staff and learning new virology techniques.

Hermanus Conradie, Zimbabwe Grain Producers Association, visited the Agronomy South Farm on September 17 and the Brownstown Agronomy Center Field Day on September 18. Mr. Conradie was in Illinois until September 30 visiting corn farms, agribusiness firms, and various agricultural events on an itinerary arranged by OIA and John Campen, Illinois Corn Growers Association. Mr. Conradie was awarded this trip as winner of a corn growing competition.

Moustafa El-Tawil and Samir Basilious, Egyptian Ministry of Agriculture and currently in a training program in agricultural mechanization at Western Illinois University, visited UIUC on September 16 and 17. They met with Gary E. Pepper and Theodore R. Peck, Agronomy; Raymond G. Cragle, Agricultural Experiment Station; Walter E. Splittstoesser, Horticulture; Errol D. Rodda and John W. Hummel, Agricultural Engineering; and Saadia S. Mohamed, Textiles and Interior Design.

Jean-Paul Fevre, Occitane des Semences, Toulouse France, met with the corn group in Agronomy on September 17.

Nobuyuki Nishiguchi, Kubota Ltd., Japan, discussed research with Agricultural Engineering staff on September 18.

Eight participants in the Latin American and Caribbean Regional Project, "The Making of the U.S. Foreign Policy," met with Harold D. Guither, Harold G. Halcrow, and Philip Garcia, Agricultural Economics, on September 21. The trip was sponsored by the U.S. International Communication Agency.

Six food industry representatives from Spain, sponsored by the American Soybean Association, discussed soy food utilization with Marvin P. Steinberg and L. S. Wei, Food Science, and John W. Santas, OIA, on September 23. They were escorted by David Wilson, ASA/Madrid.

## IVORY COAST STUDENTS

Ten students from the Ivory Coast, participants in a cooperative project between the Ivory Coast Ministry of Agriculture and OIA, are enrolled in UIUC's Intensive English Institute. Next semester they will be placed in master's degree programs in U.S. universities.

## VISITING RESEARCHERS

Avner Carmi, Volcani Institute, Bet-Dagan, Israel, is spending a year with John D. Hesketh, Agronomy, working on soybean physiology.

Yona Chen, Hebrew University of Jerusalem, Israel, arrived in early September for a one-year research program in soil biochemistry with Frank J. Stevenson, Agronomy. Dr. Chen is a George A. Miller scholar.

Tomohiko Ichikawa, Institute of Agricultural Machinery, Japan, is studying theory and techniques of corn and soybean harvesting with Donnell R. Hunt, Agricultural Engineering, from September 12 to October 13.

Hristo Mermerski, Institute of Soil Science and Yield Programming, Sofia, Bulgaria, will spend the fall semester taking selected courses and working with staff in Agricultural Engineering and Agronomy on machinery and cultural practices used in corn and soybean production. His program was arranged by OIPS and OIA, with sponsorship from IREX (International Research and Exchanges Board).

Lucian A. Msambiachaka, University of Dar es Salaam, Tanzania, is working this semester with Jean M. Due, Agricultural Economics, on organization in large U.S. grain farms.

Basil Sheahan, Roseworthy Agricultural College, Australia, is working in Agricultural Communications until March. His areas of investigation include curricula development, and the activities, organization, and international programs in Agricultural Communications and the Cooperative Extension Service.

## VISITORS RECENTLY ON CAMPUS

Jaacov Ben-Jaacov, Volcani Institute, Bet-Dagan, Israel, visited the laboratories of Arthur L. Spomer and Martin M. Meyer, Horticulture, on August 2.

Nobuhisa Nasu, Nasu Agricultural Service, Tokyo, Japan, and four others met with Donald L. Day and Tom J. Brumm, Agricultural Engineering, August 11. Accompanied by Lyle Roberts of the Illinois Agricultural Association, Bloomington, they discussed new developments in livestock waste management research.

M. B. Toro, Universidad Centro-Occidental Lisandro Alvarado, Barquisimeto, Venezuela, met with Miodrag Ristic, Veterinary Pathobiology, from August 18 to 25 to discuss research under a joint, three-year program on the control of arthropod borne diseases of cattle.

Edgar Puyol P., Cuenca, Ecuador, met with Gilbert R. Hollis and Upson S. Garrigus, Animal Science, Agricultural Economics staff, and staff in OIA on August 26.

Paichit Wiboonpongse, Forestry Officer, Ministry of Agriculture, Bangkok, Thailand, toured the Forest Science Laboratory and met with Poo Chow, Forestry, on August 26.

Atsin Achi, Center for Social and Economic Research, Ivory Coast Ministry of Education, met with Earl D. Kellogg and John W. Santas, OIA, and George K. Brinegar, OIPS, on August 27 and 28.

Mitsugi Senda, Department of Agricultural Chemistry, Kyoto University, Japan, visited with Jack M. Widholm, Agronomy, and Robert M. Skirvin, Horticulture, from September 6 to 10. On September 9 Dr. Senda presented a seminar on fusion and plasma membrane of plant protoplasts.

H. F. Chin, University Pertanian Malaysia, visited UIUC on September 2 and 3. He met with James B. Sinclair, Plant Pathology; John W. Santas, OIA; and Joseph A. Jackobs, Carl N. Hittle, Theodore Hymowitz, and Dan R. Erickson, Agronomy. Mrs. Chin, an oil chemist, met with USDA researchers.

The College of Agriculture and the College of Veterinary Medicine welcome the following new foreign graduate students to the University of Illinois at Urbana-Champaign.

AGRICULTURAL ECONOMICS: *Wojciech Florkowski*, Poland, agricultural marketing; *Wen-Ting Liu*, Taiwan, agricultural marketing; *Jeremiah Rugambisa*, Tanzania, agricultural marketing; *Parveen Setia*, India, agricultural finance; *Marcia White*, West Indies, international agricultural economics.

AGRICULTURAL ENGINEERING: *Young Jo Han*, Korea, power and machinery; *Gunasekaran Sundaram*, Thailand, electric power and processing; *Gerald M. Wirtz*, Belgium, electric power and processing.

AGRONOMY: *Ji Hang-Ha*, Korea, soil microbiology; *Jose Ivan Ortiz-Monasterio*, Mexico, crop production.

ANIMAL SCIENCE: *Chung-Chih Lin*, Taiwan monogastric nutrition; *Emmanuel O. Odonkor*, Ghana, animal production; *Ming-Che Wu*, Taiwan, endocrinology.

FORESTRY: *Tsao-Feng Wei*, Taiwan, wood science and technology.

FOOD SCIENCE: *Gloria Gonzalez*, Mexico, food chemistry; *Moafak Mahmood*, Iraq, food chemistry; *Sachithananthan Sri-Kanth*, Sri Lanka, nutritional sciences.

HORTICULTURE: *Kyung Chul Han*, Korea, floral crops physiology; *Hyosup Kim*, Korea, apple tree physiology.

HUMAN RESOURCES AND FAMILY STUDIES: *Olga A. de Mendoza*, Argentina, human development.

PLANT PATHOLOGY: *Yang Kyo Park*, Korea, plant virology; *Albert Senwah*, Liberia, field crop diseases.

VETERINARY MEDICINE: *Marcos Fernandez*, Venezuela, equine medicine and surgery; *Terttu Katila*, Finland, equine reproduction; *Louis Vasquez*, Venezuela, cattle reproduction.

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# International Agriculture Newsletter

College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign



November 1981 No. 42

## INTERNATIONAL ACTIVITIES

Karl Weingartner, a recent Ph.D. in Food Science under John W. Erdman, has received a one-year research fellowship from the American Institute of Indian Studies. Dr. Weingartner will work at G. B. Pant University of Agriculture and Technology, Pantnagar, and the Soya Production and Research Association, Bareilly, India.

John W. Santas, International Agriculture, is one of 40 U.S., Latin American, and Caribbean representatives named as fellows in the Partners of the Americas Fellowship Program in International Development. The program involves participation in a series of seminars held over a two-year period in Latin America and the U.S.

David H. Baker, Animal Science, was a guest speaker at the Second Western Nutrition Conference, Edmonton, Canada, September 16 and 17. Dr. Baker spoke on the interaction between protozoan diseases of poultry and nutrition, and amino acid requirements and applications in swine. He also met with researchers at the University of Alberta.

Carl N. Hittle, Agronomy, was in the People's Republic of China for three weeks in October and November as a consultant for FAO/Rome. He reviewed a proposed UNDP project on soybean production and international scientific exchange for Heilongjiang Province.

Molly N. Cline, Plant Pathology, and Barry Eisenberg, Horticulture, discussed the diseases and physiology of

geranium cuttings held in cold storage at the International Growers Meeting of Oglevee Associates, Inc., Connellsville, PA, October 6 to 9.

Michael E. Irwin, Agricultural Entomology, met with Consortium for International Crop Protection (CICP) personnel in California on October 26 and 27 en route to Antigua, Guatemala. He was in Guatemala until November 3, where he lectured on economic injury thresholds, and virus-vector relationships in soybean agro-ecosystems at a CICP-sponsored short course on integrated crop protection.

Dr. Irwin will be in Ecuador from November 9 to 14 to lecture at a USAID-sponsored soybean protection and production short course. Also participating in this course are Luis Camacho, INTSOY Agronomy at Puerto Rico, Paul R. Hepperly, University of Puerto Rico plant pathologist, and Hunter Andrews, Mississippi State University seed technologist.

Paul N. Walker and Errol D. Rodda, Agricultural Engineering, participated in the Third International Conference on Energy Use Management, West Berlin, Germany, October 26 to 30. Dr. Rodda presented a paper which was co-authored by Marvin P. Steinberg, Food Science, entitled "Energy Analysis of an Agricultural Alcohol Fuel System" and Dr. Walker a paper entitled "Surface Heating of Greenhouses with Waste Heated Fuel." Among the sponsoring organizations of the conference were the Commission of the European Communities, the U.S. Department of Energy, and the University of Arizona.

## VISITORS COMING TO CAMPUS

N. R. Narayanan, Indian Ambassador to the U.S., will be at UIUC on November 9 and 10. On the morning of November 10 he will meet with College of Agriculture staff. To arrange an appointment contact Earl D. Kellogg, 113 Mumford Hall, 333-6422.

Dr. Narin, Head of Food Science Technology, and Assistant Dean of Agriculture Weerapon, Chiangmai University, Thailand, will visit UIUC from November 16 to 21 to study soybean production and processing under sponsorship of FAO.

Vo Tong Xuan, Faculty of Agriculture, University of Cantho, Vietnam, will meet with soybean researchers on November 25. His program is arranged through the U.S. Committee for Scientific Cooperation with Vietnam.

To meet with these visitors contact John Santas, 113 Mumford Hall, 333-3638.

## AGRICULTURAL ADVISORY COMMITTEE

The International Agriculture Advisory Committee will meet at UIUC on November 19 and 20. Members of the committee are: Richard Feltes, Director of Crop Research, Continental Grain Company, Chicago; Gilbert Fricke, State Executive Director, Agricultural Stabilization and Conservation Service, Springfield; William Fugate, farmer, Fairbury; Lyle G. Reeser, Agricultural Consultant, Caterpillar Tractor Company, Peoria; Willard Severns, farmer, Moweaqua; and James M. Spata, Scientist, Ralston Purina Company, St. Louis.

## WORLD FOOD DAY OBSERVED

The College of Agriculture sponsored a luncheon and program in observance of World Food Day on October 16. Ninety participants heard presentations by Earl D. Kellogg, OIA; Theodore L. Brown, Dean of the Graduate College; Harold B. Steele, Illinois Agricultural Association; and Clayton Yeutter, Chicago Mercantile Exchange.

## SEMINARS

November 4 Philippine Hunting and Agricultural Expansion: The Role of Indigenous Technology in Development — Jean T. Peterson, Human Resources and Family Studies.

4:00 p.m., 426 Mumford Hall.

**\*\*NOTE:** Sri Lanka seminar by Carl N. Hittle has been postponed.

November 11 Development Management — K. L. K. Rao, Indian Institute of Management, Bangalore, India.

4:00 p.m., 422 Mumford Hall.

November 18 Progress Report: Zambia Agricultural Project — William N. Thompson, Office of International Agriculture.

noon, G-20 Foreign Language Bldg. (African Studies Seminar)

November 18 An Assessment of the Dairy and Beef Cattle Industries in Bulgaria and Romania — Raymond G. Cragle, Illinois Agricultural Experiment Station.

4:00 p.m., 426 Mumford Hall.

December 11 Water, Agriculture, and People in the Western Llanos of Venezuela: A Development (?) Project — James Karr, Ecology.

noon, 441 Administration Bldg. (Latin American and Caribbean Studies Brown Bag Colloquium)

## FULBRIGHT AWARDS STILL AVAILABLE

1982-1983 Fulbright Lecturing and Research Abroad awards are still available for the following countries: Romania — research in many fields; Syria — engineering, science, business; Pakistan — rural sociology; Cameroon\*, Congo\*, Romania, Jordan, Liberia, Rwanda\*, and Turkey have awards for international economics, marketing, and trade. (\*indicates fluency in French required). Contact Carolyn Pribble, 113 Mumford Hall, 333-6422 for more information.

## SPANISH LANGUAGE INTERSESSION CLASSES

Beginning and intermediate-level classes of Spanish for Agriculturalists will meet mornings from December 14 to 18 and January 4 to 15. Newcomers are welcome. Call the Department of Spanish, Italian, and Portuguese, 333-3390, for more information.

## VISITORS RECENTLY ON CAMPUS

Recent visitors with the Agronomy corn group include: A. P. Fourie, Summer Grain Centre, Potchefstroom, South Africa, August 3; Relja Savić, Tomislav Sorić, Lazar Jakovljević, and Mitvutin Ćirović, University of Novi Sad, Yugoslavia, September 17 to 21; Jan Bojanowski, Plant Breeding and Acclimatization Institute of Radzikow, Poland, September 29 to October 2; Marton Herczeg, Agricultural Research Institute of the Hungarian Academy of Sciences at Martonvasar, October 13; and Janko Dunamović, Maize Research Institute, Zemum Polje, Yugoslavia, October 22 to 23.

Ko Ko Gyi, University of Rangoon, Burma, visited Food Science as part of a study tour of the U.S. educational system. He also discussed soybean utilization with L.S. Wei and Arthur J. Siedler on September 11.

Mary Cooper, Head of the Home Economics Department, Kelvin Grove College of Advanced Education, Brisbane, Australia, discussed careers for the professional home economist and the Illinois cooperative extension program with staff in Human Resources and Family Studies on September 15 and 16.

Ricardo Ayala, entomology curator at the University of Mexico, met with the Faunistics Section of the Illinois Natural History Survey from September 22 to 25.

Lennart Anderson, Swedish University of Agricultural Science's Veterinary Research Station at Skara, discussed metabolic diseases in cattle with Carl L. Davis, Dairy Science, and Howard L. Whitmore, Veterinary Clinical Medicine, from October 18 to 24.

Marcel Taverne, Department of Obstetrics and Gynecology, University of Utrecht, Holland, met with Philip J. Dziuk, Animal Science, from September 27 to 29 and presented a seminar on parturition in the pig. Dr. Taverne's visit was sponsored by Physiology, Animal Science, and Veterinary Medicine.

Giapietro Venturi, Istituto di Agronomia, University of Bologna, Maria Teresa Amaducci, Istituto di Agronomia, University of Bologna, Aldo Guglielminetti, Director of Societa Europa del Seme (SES), Massa Lombarda, and Valter Tatini, SES, Italy, met with UIUC staff on September 30 and October 1 to discuss plans for the expansion of soybean production in the Po Valley of northern Italy. They also visited the Pioneer seed processing facilities at LeRoy, Illinois.

Seventy-five dealers and customers of International Harvester, mainly from Europe and Latin America, visited Agricultural Engineering on October 1 for a program on alternative fuels research.

Stig Einarsson, Head of the Department of Obstetrics and Gynecology, Veterinary College, Stockholm, Sweden, and General Secretary for the 10th World Congress on Animal Reproduction and Artificial Insemination, visited UIUC from October 5 to 9. The purpose of the visit was to plan for the congress, which will be held at UIUC in 1984. Dr. Einarsson also discussed reproduction diseases in animals with researchers in Veterinary Medicine and the College of Agriculture.

Arthur Wellinger, Swiss Federal Research Station for Farm Management and Agricultural Engineering, Tanikon, discussed anaerobic digestion of livestock manure and farm biogas installations with Donald L. Day and T. H. Chen, Agricultural Engineering, on October 7. From 1977 to 1978 Dr. Wellinger had a post-doctoral position with Marvin P. Bryant, Dairy Science.

W. A. Ellis, Veterinary Research Laboratories, Belfast, Ireland, presented a seminar entitled "Leptospirosis in Livestock in the British Isles" on October 9.

Hiroshi Kihara, Nippon Oils and Fats Co., Ltd., Tokyo, Japan, visited Food Science on October 9. He met with Toshiro Nishida, L. S. Wei, and C. S. Yang.

Peter Clough, Consultant for Fullwood and Bland, Ltd., England, discussed UIUC dairy mechanization research with Hoyle B. Puckett, Agricultural Engineering, on October 13 and 14.

Ross Brendon, Bristol Laboratories, Ottawa, Canada, toured Animal Science and discussed canine and feline nutrition with staff from October 15 to 17.

Victor Jorge Kopp, Comisión Nacional de Semillas, Buenos Aires, Argentina, met with Dan R. Erickson and Richard L. Bernard, Agronomy, John W. Beecher, Agriculture Library, and John W. Santas, OIA, on October 20 and 21. He also visited Illinois Foundation Seed Company.

David Holme, Pedigree Petfoods, England, visited UIUC from October 7 to 9 and discussed pet food nutrition research and management with James E. Corbin, and David H. Baker, Animal Science, and John A. Milner, Food Science.

J. L. Manson, Head of Agricultural Engineering, Queensland Agricultural College at Lawes, discussed farm machinery management research with Donnell R. Hunt, Agricultural Engineering, on October 21 and 22.

Chevalier F. de Selliers de Moranville, International Investment & Development Corporation, Belgium, met with William N. Thompson, OIA, and discussed soy beverage production with L. S. Wei, A. I. Nelson, and Marvin P. Steinberg, Food Science, on October 21. Dr. de Selliers also presented a seminar on soy milk manufacturing and marketing in low-income countries.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

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December 1981 No. 43

## INTERNATIONAL ACTIVITIES

Darl W. Fike, Cooperative Extension Service (emeritus), recently completed an International Executive Service Corps (IESC) assignment in Venezuela.

Hazel T. Spitze, Vocational and Technical Education, was an invited lecturer and consultant in Australia and New Zealand from September 14 to October 9. Dr. Spitze delivered a keynote address at a centennial celebration of home economics held at Kelvin Grove College of Advanced Education, Brisbane. She also visited colleges of advanced education in Melbourne, Perth, Auckland, and Christchurch.

Mamadou M. Bamba, Agricultural Economics, presented a paper at the 12th International Conference of the Institute for International Development and Cooperation, University of Ottawa, Canada, October 29 to November 2.

Mohamed E. Sarhan, Agricultural Economics, presented a paper at the Electronic Marketing of Agricultural Products Seminar, Winnipeg, Canada, November 2 to 6.

Burton E. Swanson, Agricultural Education, participated in an International Agricultural Development Service (IADS) meeting on vocational education in agriculture, Washington, D.C., November 4.

Dr. Swanson will be in India from mid-November to mid-December as part of a team evaluating World Bank agricultural research and extension projects.

William L. Ogren, Agronomy, was in Japan from November 6 to 15 visiting laboratories at Tokyo, Nagoya, and

Hokkaido Universities. He was part of a five-person interuniversity team headed by Richard H. Hageman, Agronomy. Sponsored by the National Science Foundation and the Japanese Society for the Promotion of Science, this project will coordinate U.S. and Japanese research on carbon-nitrogen interactions in plant production.

Alfred G. Harms, Agricultural Economics, and Earl D. Kellogg, OIA, participated in a symposium entitled "Small Farms in a Changing World: Prospects for the Eighties" held at Kansas State University, November 11 to 13.

Jean M. Due, Agricultural Economics, met with colleagues at the University of Dar es Salaam, Morogoro Campus, Tanzania, from November 14 to December 4. They reviewed the first year of the Bean/Cowpea Collaborative Research Support Program and made plans for the second year.

Earl R. Swanson, Agricultural Economics, attended a meeting of USAID's Research Advisory Committee, Washington, D.C., November 16 to 18.

Sandra Brown, Forestry, was in Argentina from November 21 to 29. She met with government officials to discuss a development project in the wetlands of the Parana River basin.

Nazeer Ahmad, visiting Fulbright professor in Agronomy, participated in a workshop on the management of acid, infertile soils of the tropics held in Surinam the week of November 23.

## VISITOR COMING TO CAMPUS

John Patterson, USAID representative in Zambia, will visit UIUC for one day during the week of December 14. Contact William N. Thompson, 113 Mumford Hall, 333-6422, to meet with Mr. Patterson.

## SEMINAR

December 11 Water, Agriculture, and People in the Western Llanos of Venezuela: A Development (?) Project — James Karr, Ecology, Ethology and Evolution. noon, 441 Administration Bldg. (Latin American and Caribbean Studies Brown Bag Colloquium)

## INTSOY DIRECTOR

On December 21 Harold E. Kauffman will join the College of Agriculture as INTSOY Director and Professor of Plant Pathology. Dr. Kauffman has worked for the International Rice Research Institute (IRRI) since 1968.

## VISITING RESEARCHERS

Hiroyuki Matsui, Faculty of Agriculture, University of Osaka, Japan, is a visiting professor in Horticulture for the academic year. He is working with John S. Titus on nitrogen metabolism in woody plants and temperate fruit tree physiology and nutrition.

D. C. Golden, Tea Research Institute, Tala wa Kelie, Sri Lanka, recently began a nine month research associateship with Joseph W. Stucki, Agronomy. They will work on soil physical chemistry. Dr. Golden can be reached at S-513 Turner Hall, 333-4376.

R. K. Akinbode, professor at the University of Ibadan, Nigeria, is at UIUC conducting research on tick-borne blood diseases of food producing animals. He will work for one year with Miodrag Ristic, Veterinary Medicine.

## AGRICULTURAL EDUCATION DIRECTORIES

The International Directory of Agricultural Education Institutions, vol. 1, Africa, by Burton E. Swanson et al. is on file in the Office of International Agriculture, 113 Mumford Hall. The directory describes educational systems and lists schools of agriculture. Directories for Asia and Latin America are in press.

## RETIREEES SOUGHT FOR IESC PROJECTS

The International Executive Service Corps (IESC) is looking for retirees or people near retirement age for participation in future international projects. People interested in being listed in IESC's skills bank should contact Douglas J. Murphey, Corporate Development, IESC, 622 Third Avenue, New York, NY 10017.

## STUDY PROGRAM IN INDIA

January 8, 1982 is the application deadline for a graduate student study program in India. Students in agriculture and allied fields are encouraged to apply. Additional information is available from Carolyn Pribble, 113 Mumford Hall, 333-6421.

## VISITORS RECENTLY ON CAMPUS

Genevieve Locqueville, a student at the Institute of Higher Studies of Agricultural Law and Economics, Paris, France, visited UIUC on October 22 and 23. She met with Margaret R. Grossman, Donald L. Uchtman, and Chester B. Baker, Agricultural Economics; Joan D. Solaun, Study Abroad Office; and George K. Brinegar, OIPS, and visited the Champaign County offices of Production Credit Association and Land Bank Association. Ms. Locqueville spent several weeks in Chicago at Credit Agricole studying U.S. agricultural finance.

Micha Roumiantzeff, Institut Merieux, Lyon, France, discussed a joint project on human malaria with Miodrag Ristic, Michael G. Levy, and Mary L. Chilbert, Veterinary Medicine, on October 26 and 27.

Solomon Owens, Gambia, visited UIUC on November 6. He discussed Gambian agriculture with John B. Braden and David L. Chicoine, Agricultural Economics, and corn and soybean variety testing with Theodore Hymowitz, Joseph A. Jackobs, Dan R. Erickson, and Gerald L. Ross, Agronomy. Mr. Owens is a participant in an 18 month study program at Western Illinois University and Texas Tech. University, sponsored by USAID.

Richard Vogen, Illinois Department of Agriculture, discussed program planning procedures for international visitors with John W. Santas, OIA, on November 6.

James T. Tarpeh, Vice President for Academic Affairs at the University of Liberia, visited UIUC on November 3 and 4 to discuss possible cooperative programs for research and faculty exchange.

Recent visitors in the laboratory of Jack M. Widholm, Agronomy, were M. Niizeki, Hirosaki University, and M. Takahashi, President of Hokkaido Musashi Women's Junior College. They were the last in a series of Japanese scientists to visit Dr. Widholm as part of a U.S.-Japan Cooperative Science program.

E. B. Kwakye, Vice Chancellor at the University of Science and Technology, Kumasi, Ghana, met with William N. Thompson, OIA, on November 5. Mr. Kwakye is currently a Fulbright scholar at Bradley University, Peoria.

Narin Tongsiri and Weerapon Tammacoon, Department of Food Science and Technology, Chiang Mai University, Thailand, visited UIUC the week of November 16. They met with Alvin I. Nelson, L. S. Wei, Arthur J. Siedler, John A. Milner, and Wilmot Wijeratne, Food Science; Sam H. Johnson, Agricultural Economics; James B. Sinclair, Plant Pathology; Upson S. Garrigus, Animal Science; and William N. Thompson, Earl D. Kellogg, and John W. Santas, OIA. Mr. Narin and Mr. Weerapon also visited the USDA Northern Regional Research Center, Peoria. Their visit was sponsored by FAO.

Walter Rossing and Jan Schams, Wageningen, Holland, discussed integrated pest management strategies with Economic Entomology staff on November 5 and 6.

William Wilson, North Dakota State University, discussed grain marketing in South Africa with Lowell D. Hill, Agricultural Economics, on November 20.

Tim Sellers, a wheat farmer from East Yorkshire, England, met with Judith Siess and Allan Mustard, Agricultural Economics, and toured the Agronomy South Farm with Gene Oldham on November 9.

The International Agriculture Newsletter is published monthly by the Office of International Agriculture, 113 Mumford Hall, University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items. The College of Agriculture provides equal opportunities in programs and employment.

Office of International Agriculture  
University of Illinois at Urbana-Champaign  
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Urbana, Illinois 61801

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JAN 18 1982

UNIVERSITY OF ILLINOIS

# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

January 1982 No. 44

## INTERNATIONAL ACTIVITIES

Daniel F. Dayton and Safi S. Korban, Horticulture, participated in a meeting of the North America Apple Breeders Coop, St. Jean, Quebec, Canada, September 21 to 24.

Bruce L. Dixon and Sam H. Johnson, Agricultural Economics, met with World Bank staff in Washington, D.C., from November 22 to 24. They discussed Ph.D. projects for two UIUC students which will involve data collected by the Ford Foundation and the World Bank from farmers in Chiang Mai, Thailand.

Marlow D. Thorne, Agronomy, was in Malawi from November 17 to December 4 as leader of a team to review a USAID assistance project for strengthening agricultural research. The project is conducted under contract with the University of Florida. A copy of the review team report is available on loan from Dr. Thorne, W-201 Turner Hall, 333-4424.

Floyd A. Giles, Gary I. Kling, and A. Wingstrom, Horticulture, participated in the International Plant Propagators meeting in Orlando, Florida, December 5 to 10.

John W. Santas, OIA, participated in a seminar entitled "Social and Economic Realities of Latin America," December 6 to 12. Sponsored by Partners of the Americas and the Kellogg Foundation, the seminar was held in the Birmingham, Alabama vicinity.

Jack M. Widholm, Agronomy, was in India from mid-November to mid-December. Dr. Widholm served as an UNESCO consultant to the UNDP Centre for Soil and Water Management, Haryana Agricultural University, Hissar. His work involved the selection of salt tolerant plants using cultured cells. Dr. Widholm also presented an invited paper on isolation and characterization of mutant plant cell cultures at the International Symposium on Plant Cell Culture in Crop Improvement, Calcutta, December 6 to 10.

Daniel Gianola, Animal Science, will be at the Departement de Génétique Animale, Station de Génétique Quantitative et Appliquée, Centre National de Recherches Zootechniques, France, from February to August. Dr. Gianola will work with J. L. Foulley on a national project entitled "Genetic Aspects of Qualitative Traits in Farm Animals."

Roy K. Simons, Horticulture, was recently elected Secretary of the Rootstock Research Foundation, International Fruit Tree Association.

Sheldon F. Williams, Agricultural Economics (emeritus), will spend one year at the University of Calabar, Nigeria, as Dean of Agriculture. The College of Agriculture at Calabar is newly developed, and Dr. Williams will direct staff selection, budget preparation, and curriculum development. The program is conducted under a contract between the University of Wisconsin and the University of Calabar.

Theodore F. Lock, Veterinary Clinical Medicine, will present two papers at the Third International Symposium on Equine Reproduction, Sydney, Australia, January 24 to 29. The topics are the effect of embryonic death on ovarian function, and the distribution of antibiotics in reproductive tract tissues.

Harold S. Bryan, Veterinary Pathobiology, is currently taking a one year leave of absence from UIUC to help establish a new veterinary education program at the University of Dominica, British West Indies. In January Dr. Bryan will go to Dominica, where he will serve as Dean of the School of Veterinary Medicine.

David L. Chicoine and John B. Braden, Agricultural Economics, will be in The Gambia during January to study soil conservation policies. The project is sponsored by the Title XII Strengthening Program.

B. B. Singh, who received M.S. and Ph.D. degrees in Agronomy at UIUC, recently moved to the International Institute of Tropical Agriculture (IITA) headquarters at Ibadan, Nigeria, where he will serve as grain legume breeder. He was previously in Tanzania on the IITA Outreach Program.

Yvette Scheven, Library, traveled to Lusaka, Zambia, and Salisbury, Zimbabwe, during January. Ms. Scheven is collecting publications and documents for the UIUC library collection on food, nutrition, agriculture, and rural development. The trip was supported by Title XII Strengthening Grant Program funds.

#### VISITORS RECENTLY ON CAMPUS

N. S. Ramaswamy, Director of the Indian Institute of Management, Bangalore, met with William N. Thompson and Earl D. Kellogg, OIA, on November 6. They discussed cooperative agricultural programs, including faculty exchange, research, and conference sponsorship.

Tongroj Onchan, Director of the Center for Applied Economic Research, Kasetsart University, Bangkok, Thailand, visited UIUC on November 24 and 25. He met with Earl D. Kellogg, OIA, Vincent I. West, OIPS, and Melvin M. Wagner, Agricultural Economics. Dr. Tongroj received his Ph.D. at UIUC in Agricultural Economics in 1970.

Kyun Hi Tchah, technical adviser with Dr. Chung's Foods Co., Ltd., Seoul, Korea, visited UIUC on November 25. He discussed soybean dehulling procedures and soy beverage manufacturing with L. S. Wei and Marvin P. Steinberg, Food Science, and INTSOY training programs with John W. Santas, OIA.

David Amir, Volcani Institute for Animal Research, Bet-Dagan, Israel, presented a seminar and met with Animal Science staff from November 23 to 25.

Ron Kilgour, Raukura Animal Research Centre, Hamilton, New Zealand, visited UIUC on November 29 and 30. He discussed sheep, dairy cattle, and swine behavior, and aspects of the animal welfare movement with staff in Animal Science, Dairy Science, and Ecology, Ethology and Evolution.

A. P. Mishra, Rajendra Agricultural University, Bihar, India, visited Agricultural Engineering on December 7. Sponsored by the Ford Foundation, he discussed irrigation and drainage research with staff.

Bong-ho Choe, Department of Agronomy, Choong Nam National University, Dae-Jon, Korea, met with the Agronomy corn group on December 7. Dr. Choe is an alumnus of UIUC.

Mahamed Hamad, Pilot Plant Laboratory, National Research Center, Dokki, Cairo, Egypt, discussed biogas and alcohol projects with staff in Agricultural Engineering on December 10. Dr. Hamad was hosted by John T. Pfeffer, Civil Engineering.

B. S. Panesar, Punjab Agricultural University, India, met with Agricultural Engineering staff from December 11 to 14. Mr. Panesar is currently a visiting professor at Pennsylvania State University.

Guanqui He, Soybean Research Laboratory, Nanjing Agricultural College, China, visited UIUC from December 14 to 17. He met with Robert M. Goodman, Plant Pathology, L. S. Wei, Food Science, Sandra Brown, Forestry, Stephen C. Schmidt, Agricultural Economics, John M. Cheeseman and Tuan-Hua Ho, Botany, and soybean researchers in Agronomy.

#### CICP DIRECTOR TO VISIT UIUC

Ray F. Smith, Director of the Consortium for International Crop Protection (CICP), will visit UIUC and the Illinois Natural History Survey from January 26 to 28. Dr. Smith will present a seminar on plant protection in international agriculture on January 27 at 4:00 p.m. in room 187 Natural Resources Building.

#### VISITING RESEARCHER

M.S.E.D.M. Mostafa, Veterinary Anatomy, Cairo University, Egypt, arrived in November for a one year visiting professorship in Veterinary Biosciences. Dr. Mostafa can be contacted at 367A Veterinary Medicine Bldg., 333-6825.

#### FOOD CONFERENCE AT UIUC

A conference on "Understanding the World Food System: Its Importance to Illinois and the Nation" will be held at the Illini Union on February 14 and 15. UIUC faculty members are encouraged to participate. Program details are available from J. Terry Iversen, Continuing Education in International Affairs, 205 Arcade Bldg., 333-1465.

#### IVORY COAST TRAINEES

Ten students from the Ivory Coast, participants in a training project sponsored by the Office of International Agriculture and the Ivory Coast Ministry of Agriculture, are now enrolled in master's degree programs at U.S. universities. Last semester they attended the UIUC Intensive English Institute.

They are: Kone Kassoum, University of California, Davis, water science and irrigation; Bi Bo Kouable, University of Minnesota, entomology; Louis N'Guessan, UIUC, food science; Amari Gnanagne, West Virginia University, rural development economics; Cesar Kouakou, State University of New York-Syracuse, forestry; Avion Kassi, University of Missouri, statistics; Joseph Koula, North Carolina State University, statistics; Odile Ayemou, UIUC, international marketing; Jeannette Coffi, West Virginia University, forestry; and Lambert Kanga, North Dakota State University, entomology.

Bernadette Dia, also sponsored by the Ivory Coast Ministry of Agriculture, will enter a Ph.D. program at UIUC in Agricultural Economics this semester.

#### SHORT COURSE EARNINGS

Earnings allocated to departments in the College of Agriculture for participation in three 1981 short courses were as follows:

##### Seed Improvement Course

Agronomy \$1,850

Agricultural Communications \$1,400

Soil Testing, Soil Classification and Fertility Management

Agronomy \$13,050

Technical and Economic Aspects of Soybean Production

Agricultural Communications \$1,160

Agricultural Economics \$1,480

Agricultural Engineering \$950

Agricultural Entomology \$1,800

Agronomy \$2,440

Food Science \$1,060

Plant Pathology \$1,700

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UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

February 1982 No. 45

## INTERNATIONAL ACTIVITIES

Kevin McSweeney, graduate student in Agronomy, was in England and the Netherlands in January and February to discuss the use of electro-optical image analysis to study root distribution in reclaimed soils. He met with Petter Bullock, Rothamstead, England; Prof. Bradshaw at the University of Liverpool, England; and Dr. Jongerius, Soil Survey Institute, Wageningen, the Netherlands. This procedure, which Mr. McSweeney will use for his dissertation, has not been used before for root study. The trip was sponsored in part by a dissertation grant from the Graduate College.

Rabel J. Burdge, Agricultural Economics and the Institute for Environmental Studies, participated in a training program held at Iowa State University from January 4 to 9. Sponsored by USAID's Development Advisory Team and Iowa State University, the program demonstrated design and evaluation procedures for USAID international development projects. More information on the program is available from Dr. Burdge, Institute for Environmental Studies, 408 S. Goodwin Street, 333-2916.

Chester B. Baker, Agricultural Economics, will be at the University of the Philippines, Los Banos, from February 12 to March 8 at the invitation of UPLB. He will discuss graduate programs and research problems in agricultural finance with faculty and students, and present seminars on agricultural finance research.

UIUC was represented at three recent Title XII regional conferences.

Thomas A. McCowen, OIA, participated in the conference held at Columbus, Ohio, January 18 and 19. Mr. McCowen then traveled to the USAID/Africa Bureau in Washington, D.C., and to the University of Maryland-Eastern Shore, to discuss the College of Agriculture Zambia project.

William N. Thompson, OIA, represented UIUC at the conference held at the University of Arizona, Tucson, January 28 and 29. John B. Claar, Office of the President, and Earl D. Kellogg, OIA, participated in the meetings at Louisiana State University, February 1 and 2.

Wayne L. Banwart and Frank J. Stevenson, Agronomy, will participate in the 12th International Congress of Soil Science, held in New Delhi, India, February 8 to 16.

Dr. Stevenson will present a paper entitled "Soil Organic Matter and Nutrient Availability." After the meetings Dr. Banwart will visit agricultural universities at Hyderabad and Bhubaneswar and the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), and Dr. Stevenson will visit agricultural universities at Hissar and Ludhiana.

John W. Santas, INTSOY, will meet with administrators at the Instituto Colombiano Agropecuario (ICA), Palmira, from February 17 to 19 to plan the 3rd ICA/INTSOY training course for soybean scientists in Latin America. To be held at Palmira

in late 1982, the course will be taught by INTSOY and ICA staff as well as Colombian soybean industry representatives.

Dr. Santos was recently appointed to a newly created advisory committee on international student affairs. The committee, composed of students, faculty and staff, will advise Stanley R. Levy, Vice Chancellor for Student Affairs.

The College of Agriculture welcomes the following new foreign graduate students to the University of Illinois at Urbana-Champaign:

ANIMAL SCIENCE: *Garny Hee Park*, South Korea, physiology of reproduction; *Hedda Sander*, Federal Republic of Germany, physiology of reproduction.

FOOD SCIENCE: *Hani Kanafani*, Lebanon, food microbiology; *Sarah Martinez*, Philippines, food chemistry; *Louis N'Guessan*, Ivory Coast, food technology.

HORTICULTURE: *S. Chareonboonsit*, Thailand, plant breeding (tomatoes).

#### VISITING RESEARCHERS

Ki-Nam Kim, Chungbuk National University, Korea, is a visiting professor in Food Science. She will work with Simon Cho collecting data on the relationship between food habits and personality.

Mohamedain Mahfouz, Egypt, is a visiting research associate at the Burnsides Laboratory.

#### VISITORS RECENTLY ON CAMPUS

O. D. Dhingra, Plant Pathology, Federal University of Vicosa, Brazil, visited Plant Pathology from January 4 to 7 to discuss future cooperative projects in soybean pathology.

D. R. Clarke, External Relations Department of the World Bank, presented a seminar at UIUC on January 20 entitled "Industrialized and Developing Countries Cooperation or Confrontation? Looking Ahead to the Decade of the 80's." Dr. Clarke met with Dean O. G. Bentley; Werner Baer and John F. Due, Economics; William N. Thompson and Earl D. Kellogg, OIA; Jean M. Due, Sam H. Johnson, Chester B. Baker and graduate students in Agricultural Economics; Eyamba G. Bokamba, Linguistics; and Donald E. Crummey, African History.

Nicolas Iannone, soybean entomologist at the Instituto Nacional de Tecnologia Agropecuaria (INTA), Argentina, met with members of the soybean entomology program, SIRIC, IRCSA, and the Department of Entomology from January 5 to 7. Mr. Iannone will begin a Ph.D. program in the fall of 1982 working with Marcos Kogan, Agricultural Entomology.

I. Kakoma, Tropical Disease Research Center, Ndola, Zambia, visited with Miodrag Ristic and his research team, Veterinary Pathobiology, from December 8 to 14, 1981. Dr. Kakoma, a former graduate student with Dr. Ristic, is a WHO immunologist working on sero-diagnostic methods for human malaria.

#### MASI TRAINEES

Chibanga Aliya, a staff member of INERA, Zaire, began master's degree study in international agricultural extension at Utah State University in January. He is the third trainee to enter master's programs under the contract between UIUC and the Multinational Agribusiness Systems, Inc. (MASI).

Four trainees from Zaire arrived at UIUC in January and are enrolled in the Intensive English Institute in preparation for master's degree study later in 1982.

## SEMINARS

February 3 Community Programming in International Affairs: The Role of UIUC — J. Terry Iversen, Continuing Education in International Affairs.  
4:00 p.m., 426 Mumford Hall.

February 10 Irrigation and Salinity Control in Pakistan — Sam H. Johnson, Agricultural Economics.  
4:00 p.m., 426 Mumford Hall.

February 17 Aphid Transmission of Soybean Mosaic Virus and Some Observations about Research in the People's Republic of China — Susan E. Halbert.  
4:00 p.m., 426 Mumford Hall.

February 24 An Education Program to Prepare Professional Rural Communicators in Indonesia — James F. Evans and Raymond A. Woodis, Agricultural Communications.  
4:00 p.m., 426 Mumford Hall.

March 3 UIUC Involvement in the Sri Lanka Soybean Program — Carl N. Hittle, Agronomy.  
4:00 p.m., 426 Mumford Hall.

March 4 Modernization and the Reinforcement of Tradition: Another Look at Women in Agricultural Development — Susan C. Rogers, Visiting Professor in Human Development and Family Ecology.  
noon, Paar Lounge, YMCA/YWCA, 1001 S. Wright St., Champaign. (You are welcome to bring your lunch.)

March 10 Ivory Coast Ministry of Agriculture Training Project — John W. Santas, OIA.  
4:00 p.m., 426 Mumford Hall.

April 28 Progress Report on the Zambian Agricultural Research and Extension Development Project — Thomas A. McCowen, Office of International Agriculture.  
noon, G-24 Foreign Languages Bldg.

## FOREIGN VISITORS IN 1981

Two hundred fifty-four visitors from thirty-five countries were assisted by the Office of International Agriculture in 1981. This count does not include the many visiting scientists who directly contacted departments and staff in the College of Agriculture.

## FOOD CONFERENCE AT UIUC

A conference on "Understanding the World Food System: Its Importance to Illinois and the Nation" will be held at the Illini Union on February 14 and 15. UIUC faculty members are encouraged to participate. Program details are available from J. Terry Iversen, Continuing Education in International Affairs, 205 Arcade Bldg., 333-1465.

## TINKER FIELD RESEARCH GRANTS

March 22 is the application deadline for summer 1982 research grants in Spanish and Portuguese-speaking Latin America. UIUC graduate students and junior faculty from any discipline or campus unit are encouraged to apply. Application instructions are available from the Center for Latin American and Caribbean Studies, 1208 West California St., Room 250, 333-3182.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

March 1982 No. 46

## INTERNATIONAL ACTIVITIES

Sandra L. Brown, Forestry, was in Puerto Rico during January collecting soil samples. This work was in preparation for an upcoming project to determine the changes in soil organic matter when forest lands are converted to agriculture and vice versa.

Delmar F. Wilken, Agricultural Economics, was in Peru, Argentina, and Brazil from January 20 to February 7 leading a delegation of 27 Illinois farmers and agricultural leaders on a People-to-People International Goodwill Mission. They visited agricultural research stations, farms, and ranches. In Peru Prof. Wilken gave a seminar on the organization and operation of the Illinois Cooperative Extension Service.

Michael F. Hutjens, Dairy Science, gave three papers at the Dairy Producers' Short Course, February 17 and 18, Chilliwack, British Columbia, Canada: "Making Money Starts with the Dry Cow," "The Dairy Industry - Where is it Going?" and "20,000 lb. Herd Average - For You?"

Jane E. Polston, Plant Pathology, will be at the University of Puerto Rico, Rio Piedras, for eight months beginning March 1. She will lead a project to isolate and characterize several white-fly born viruses. The project, which is funded by a USAID contract to UPR, is in cooperation with Julio Bird, Plant Pathology, UPR-RP.

Stephen M. Haber, Plant Pathology, will also be conducting research with Dr. Bird during the month of March. Mr. Haber will collect and dry samples of diseased plants. At UIUC, a nucleic acid preparation will be made from the samples, which will then be used in a new technique for detecting and testing the relationships among tropical viruses.

Robert M. Goodman, Plant Pathology, and Mr. Haber will participate in a workshop at UPR-RP entitled "Sensitive Methods for the Detection of White-fly Born Viruses," March 29 to April 5. Dr. Goodman will present a paper on ultrasensitive methods for detection of geminiviruses, and Mr. Haber a paper on the purification and genome structures of geminiviruses.

Jack M. Widholm, Agronomy, will spend three weeks in Japan starting March 19. He will visit laboratories and scientists in Tokyo, Sapporo, and Kyoto as part of a U.S.-Japan cooperative science project sponsored by the National Academy of Science. Over the past two years, seven Japanese scientists have visited Dr. Widholm under this program.

Stephen C. Schmidt, Agricultural Economics, will participate in the "Roundtable on the Hungarian Economy and East-West Economic Relations," Indiana University at Bloomington, March 21 to 24. Dr. Schmidt will present a paper on the international aspects of Hungarian agriculture. Following the conference, Dr. Csaba Cas'ki will visit UIUC. See Visitors Coming to Campus for further details.

Chester B. Baker, Agricultural Economics, will be at La Trobe University, Melbourne, Australia, from April 1 to May 7. Dr. Baker will participate in their Distinguished Visitor program.

Jack B. Claar, Associate Vice President for Public Service, and M. B. Russell, emeritus Agronomy, began a six-week assignment for USAID in Egypt on February 28. The team will prepare an assessment of opportunities for growth in the Egyptian agricultural sector. Dr. Claar is deputy chief of party.

William N. Thompson, Director, OIA, received the Honorary Member Award of the Illinois Society of Professional Farm Managers and Rural Appraisers for his leadership and service "as a state, national, and international educator, administrator, and researcher in professional farm management and other agricultural technology." The award was presented at the society's annual meeting in Danville on February 11.

#### FOOD CONFERENCE A SUCCESS

More than 200 people attended the conference entitled "Understanding the World Food System: Its Importance to Illinois and the Nation," held at the Illini Union on February 14 and 15. Presentations were made by: William N. Thompson and Earl D. Kellogg, OIA; U.S. Representative from Illinois Paul Findley; Lauren Soth, columnist for the Register and Tribune Syndicate; L. Paul Oechsli, Inter-American Development Bank; Jimmye S. Hillman, University of Arizona; Leo Mayer, USDA/FAS; Willard Severns, farmer; Wayne Swegle, Millers' National Federation; Roy E. Harrington, Deere & Co; Roy Southworth, World Bank; and Stephen Coats, Bread for the World.

#### MUCIA OPPORTUNITY IN THE USSR

Even if you don't speak Russian, senior faculty can spend six weeks to nine months in Russia under an exchange program between MUCIA (Midwest Universities Consortium for International Agriculture) and Moscow State University. Host departments at MSU include economics, soil science and agriculture. Further information is available from Vincent I. West, 3019 Foreign Languages Building, 333-1993.

#### ZAMBIAN AGRICULTURAL RESEARCH AND EXTENSION PROJECT

Team leader James F. Ragin and soybean breeder Jagmohan Joshi, both from the University of Maryland-Eastern Shore, are currently in Zambia on short term assignments.

Three members of the Zambia Farming Systems Research team, Alfred G. Harms, Agricultural Economics, Farrell J. Olsen and Robert E. Hudgens, Southern Illinois University at Carbondale, participated in a one-week orientation at the International Maize and Wheat Improvement Center (CIMMYT), Mexico, February 15 to 19. CIMMYT, through its regional office in Nairobi, Kenya, has conducted farming systems research in western and southern Africa.

#### TINKER FIELD RESEARCH GRANTS

March 22 is the application deadline for summer 1982 research grants in Spanish and Portuguese-speaking Latin America. UIUC graduate students and junior faculty from any discipline or campus unit are encouraged to apply. Application instructions are available from the Center for Latin American and Caribbean Studies, 1208 West California St., room 250, 333-3182.

#### RUSSIAN AND EAST EUROPEAN LANGUAGE FELLOWSHIP, 1982-1983

March 10 is the application deadline for Foreign Language and Area Studies (FLAS) fellowships. Advanced degree students in agriculture whose specialization requires a knowledge of Russian, Slavic, or an east European language are encouraged to apply. Details are available from the Russian and East European Center, 1208 W. California St., 333-1244.

#### VISITOR COMING TO CAMPUS

Csaba Csa'ki, Dean of Karl Marx University of Economic Sciences, Budapest, Hungary, will visit UIUC on March 25 and 26. Dr. Csa'ki is an authority on agricultural policy models of centrally planned economies. To meet with him contact Stephen C. Schmidt, Agricultural Economics, 431 Mumford Hall, 333-6582.

#### VISITORS RECENTLY ON CAMPUS

Juan Garcia, Department of Veterinary Physiology, National Institute of Animal Research, Mexico City, Mexico, spent three weeks in the laboratory of Ronald D. Smith, Veterinary Medicine. Dr. Garcia learned to use enzyme-linked immunoabsorbent assay for the diagnosis of blood parasitic diseases of domestic animals. His visit was sponsored by a Cooperative Agreement for Scientific Exchange between the U.S. and Mexican governments.

Tom Kelly of USDA's Office of International Cooperation and Development visited UIUC on January 29 to discuss a proposed U.S.-China soybean symposium.

Johannes Schmekel, Farm Equipment Division of Alfa-Laval, Tumba, Sweden, visited Sidney L. Spahr, Dairy Science, and Hoyle B. Puckett, Agricultural Engineering/USDA, on February 3. Dr. Schmekel reviewed developments in dairy automation research.

Jasminka Posinovec, College of Medicine, University of Zagreb, Yugoslavia, visited Dairy Science from February 3 to 6 as part of a six-state study tour sponsored by the National Academy of Science. Dr. Posinovec, a professor of reproductive studies, was hosted at UIUC by W. Reginald Gomes.

#### SEMINARS

March 3 UIUC Involvement in the Sri Lanka Soybean Program - Carl N. Hittle, Agronomy.  
4:00 p.m., 426 Mumford Hall.

March 4 Modernization and the Reinforcement of Tradition: Another Look at Women in Agricultural Development - Susan C. Rogers, Human Development and Family Ecology.  
noon, Paar Lounge, YMCA/YWCA, 1001 S. Wright Street, Champaign. (You are welcome to bring your lunch.)

March 10 Ivory Coast Ministry of Agriculture Training Project - John W. Santas, Office of International Agriculture.  
4:00 p.m., 426 Mumford Hall.

March 24 Sociocultural Influences on First World Economic Change: The View from Two French Farming Communities - Susan C. Rogers, Human Development and Family Ecology.  
4:00 p.m., 426 Mumford Hall.

March 31 International Rice Network Activities at the International Rice Research Institute (IRRI), the Philippines - Harold E. Kauffman, INTSOY Director.  
4:00 p.m., 426 Mumford Hall.

April 1 Changes in Women's Roles in Developing Countries: Case Study of an Amazonian Town - Judy Lisansky, Psychology.  
3:30 p.m., Levis Faculty Center Reading Room.

April 7 Tropical Forest Resources and Their Uses - Sandra L. Brown, Forestry.  
4:00 p.m., 426 Mumford Hall.

April 14 Agriculture and Extension in St. Vincent: The Complexities of Planning - Corrine Glesne, Educational Policy Studies.  
4:00 p.m., 426 Mumford Hall.

April 21 Discussion of a Recent USDA Soil and Water Conservation Technical Exchange with the People's Republic of China - Gus J. Dornbusch, USDA Soil Conservation Service, Champaign, 4:00 p.m., 426 Mumford Hall.

April 28 Progress Report on the Zambian Agricultural Research and Extension Development Project - Thomas A. McCowen, Office of International Agriculture.  
noon, G-24 Foreign Languages Bldg.

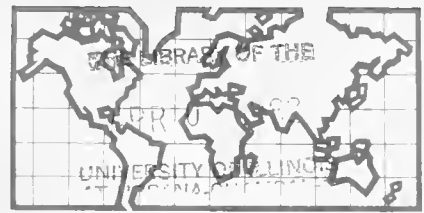
The International Agriculture Newsletter is published monthly by the Office of International Agriculture, 113 Mumford Hall, University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items. The College of Agriculture provides equal opportunities in programs and employment.

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University of Illinois at Urbana-Champaign  
113 Mumford Hall  
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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

April 1982 No. 47

## INTERNATIONAL ACTIVITIES

Joseph Madamba, who received his Ph.D. from UIUC in 1965, has recently been appointed Director of the Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA), Los Banos, Philippines.

Larry L. Berger, Animal Science, presented a paper entitled "Nutritional Value of Corn By-Product Feeds" at a meeting of the Society of Feed Technologists, London, England, January 25 to 28. Sponsored by the United States Feeds Grain Council, he was one of two U.S. participants.

Miodrag Ristic, and Cynthia J. Holland, Veterinary Pathobiology, visited the Institute Merieux, Lyon, France, from January 25 to February 8. The Institute Merieux and UIUC's College of Veterinary Medicine have a joint research program on babesiosis and human malaria.

Robert W. Howell and Joseph A. Jacobs, Agronomy, were in Puerto Rico from March 8 to 12 to meet with University of Puerto Rico administrators and INTSOY personnel.

Alfred G. Harms, Agricultural Economics, participated in a USAID contractors orientation program, Washington, D.C., March 8 to 12, in preparation for the Zambian Agricultural Research and Extension Project.

Glenn R. Salisbury, Dairy Science emeritus and former Director of the Illinois Agricultural Experiment Station, was awarded the Wolf prize in Agriculture for "his outstanding

achievements in basic and applied research on artificial insemination." The award ceremony was held March 21 in Jerusalem, Israel.

Also attending the ceremony was Dean Orville G. Bentley. While in Israel, Dean Bentley visited agricultural institutions in a program arranged by the Wolf Foundation.

Earl D. Kellogg, Office of International Agriculture, and Miodrag Ristic, Veterinary Medicine, were in Washington, D.C. on March 22 and 23 to discuss cooperative work with USDA and USAID personnel.

Dean Orville G. Bentley will, at the request of the Indian government, be team leader of an agricultural research and development planning mission. He will be in India for the week of March 27 and will then return for the final week of this four- to six-week project for USAID.

Michael E. Irwin, Agricultural Entomology, delivered two lectures in Spanish at an integrated crop protection course, Comayaguas, Honduras, March 25 to 28. The course was sponsored by the Consortium for International Crop Protection (CICP).

Dr. Irwin will be in Peru for four weeks in April and May to develop a proposal on integrated crop protection of basic food crops. While there, he will meet with researchers involved in INTSOY's soybean insect pest management project.

Robert M. Goodman, Plant Pathology, will participate in a workshop on whitefly-borne viruses, Rio Piedras, Puerto Rico, March 29 to April 5.

James B. Sinclair, Plant Pathology, will be in Asia for five weeks beginning April 16. In Australia he will meet with government quarantine officers in Canberra and soybean rust researchers at the University of Sydney. In Jakarta and Bogor, Indonesia, he will review soybean disease research with Department of Agriculture personnel. At the request of the government of Thailand, Dr. Sinclair will visit seed production stations throughout Thailand, reviewing research and lecturing. Dr. Sinclair will also meet with pathologists in the soybean research program at the Asian Vegetable Research and Development Center (AVRDC), Taiwan, and the Taiwan Agricultural Research Institute.

Poo Chow, Forestry, will visit the Nanjing Technological College of Forest Products, People's Republic of China, from mid-April to mid-May at the invitation of the Chinese National Commission on Science and Technology. Dr. Chow will lecture on wood science and technology, and discuss possible academic exchanges. He will also visit research institutions in Beijing and five other cities.

Walter E. Splittstoesser, Horticulture, will be in Asia for three months beginning in April. He will present seminars at three agricultural experiment stations in Korea and participate in the annual meetings of the Korean Horticulture Society. Dr. Splittstoesser will spend two months in Japan visiting laboratories and scientists at Isaka, Kyoto, Tokyo, Morioka, and Hiroshima. At the annual meeting of the Japanese Society of Plant Physiology, he will address a symposium on nitrogen metabolism. He will also visit the Asian Vegetable Research and Development Center (AVRDC), Taiwan.

UIUC will be well represented at the Second International Livestock Environment Symposium, April 20 to 23, Iowa State University. Stanley E. Curtis, Animal Science, will present

papers on operant supplemental heat in swine nurseries, and animal welfare considerations in building design, and participate in a general session on Livestock Environment Perspective for the 1980's. Temple Grandin, Animal Science, will deliver a paper entitled "Design of Chutes, Crowd Pens, and Leading Ramps for Swine." Attending from Agricultural Engineering will be Arthur J. Muehling and Christopher L. Rahn. Mr. Rahn will present a paper on use of solar collectors for heating ventilation air in livestock housing, coauthored by Arthur J. Muehling. Dr. Muehling, who is on the conference planning committee, will present a paper on the state-of-the-art in livestock production systems and selection criteria.

#### VISITORS RECENTLY ON CAMPUS

Murray Munro, Department of Chemistry, University of Canterbury, Christ Church, New Zealand, recently discussed tissue culture propagation of orchids with Martin M. Meyer, Horticulture.

Claude Jouandet of UCAAB, a union of French cooperatives, visited UIUC on January 19 and 20. He discussed grain marketing and livestock production practices with Stephen C. Schmidt, Agricultural Economics, and Upson S. Garrigus, Aldon H. Jensen, Donald E. Becker, Carl M. Parsons, Sorab P. Mistry, Douglas F. Parrett, and David P. Holzgraefe, Animal Science.

Laxman Singh, Systems Agronomist with the Caribbean Agricultural Research and Development Institute (CARDI), Antigua, West Indies, visited UIUC on March 10 and 11. Dr. Singh received his Ph.D. in Agronomy in 1969.

A. C. McClung, President of the International Agricultural Development Service (IADS), visited UIUC on February 26 to discuss possible cooperation in a USAID-supported agricultural assistance program in Burma.

UIUC participation would be in collaboration with MUCIA (Midwest Universities Consortium for International Activities).

Norbert Weber and Dietrich Klein, Germany, met with Agricultural Engineering staff on February 16. They were accompanied by Dennis Riggs, FS, Bloomington.

Eric A. Kueneman, International Institute of Tropical Agriculture (IITA), Ibadan, Nigeria, discussed collaborative soybean varietal testing with INTSOY staff from March 22 to 24.

Ed Pulver, an agronomist formerly with IITA, discussed INTSOY programs in South America with INTSOY staff on March 22.

Kenji Horiguchi, Tokyo University of Agriculture, Japan, met with Agricultural Economics staff on March 26.

#### VISITING RESEARCHERS

Yuan Kuanchang, entomologist with the Institute of Plant Protection, Academy of Agricultural Sciences, Shanghai, People's Republic of China, arrived in March to begin a one-year traineeship on the principles of pest management. He is working with Marcos Kogan, Agricultural Entomology, in the Biological Control Laboratory, 333-1005.

Stewart Boag, Australia, began post-doctoral work with Archie R. Portis, USDA/Agronomy, in January. They will study the effects of water stress on photosynthesis and carbon metabolism. The research is sponsored by a USDA competitive grant. Dr. Boag can be reached at S-212 Turner Hall, 333-4370.

Ron Vunsh, Israel, is currently working with Jack M. Widholm, Agronomy, on tissue culturing. Dr. Vunsh can be contacted at S-332 Turner Hall, 333-1277.

#### BOOKS TO THAILAND

Plant Pathology recently sent 56 books and 185 volumes of journals to the library at Kasetsart University, Bangkok, Thailand. The collection included donations from J. W. Gerde-mann, Plant Pathology emeritus, George F. Sprague and Theodore Hymowitz, Agronomy, and A. M. Rhodes, Horticulture.

#### SPANISH-LANGUAGE INTERSESSION CLASSES

Spanish for Agriculture classes will meet weekdays, 8:00 a.m. to noon, May 10 to 28. Interested faculty and students should contact Kathy Crabbe, 4080 Foreign Languages Bldg., 367-4805 or 333-3390.

#### AGRICULTURAL ADVISORY COMMITTEE

The International Agriculture Advisory Committee met at UIUC on March 25 and 26. Members of the committee are: Richard Feltes, Director of Crop Research, Continental Grain Company, Chicago; Gilbert Fricke, State Executive Director, Agricultural Stabilization and Conservation Service, Springfield; William Fugate, farmer, Fairbury; Lyle G. Reeser, Agricultural Consultant, Caterpillar Tractor Company, Peoria; Willard Severns, farmer, Moweaqua; and James M. Spata, Scientist, Ralston Purina Company, St. Louis.

#### ZAMBIAN AGRICULTURAL RESEARCH AND EXTENSION PROJECT

Orientation for the Zambian field team and their spouses was held at UIUC from March 15 to 18. Team members attending were: Alfred G. Harms UIUC; Robert E. Hudgens, Paul T. Gibson, Farrel J. Olsen and Oval Myers Jr., Southern Illinois University; and Jagmohan Joshi, University of Maryland, Eastern Shore. Also attending were Leonard Pompa, USAID/Zambia desk officer, Washington, D.C., and Michael Loftus, UMES.

## SEMINARS

April 1 Changes in Women's Roles in Developing Countries: Case Study of an Amazonian Town - Judy Lisansky, Psychology.

noon, Paar Lounge, YMCA/YWCA, 1001 S. Wright Street, Champaign.

April 7 Tropical Forest Resources and Their Uses - Sandra L. Brown, Forestry.

4:00 p.m., 426 Mumford Hall.

April 12 Australia, The Land Down Under - People, Places, and Pigs - Arthur J. Muehling, Agricultural Engineering.

1:00 p.m., 240 Agricultural Engineering Building.

April 14 Agriculture and Extension in St. Vincent: The Complexities of Planning - Corrine Glesne, Educational Policy Studies.

4:00 p.m., 426 Mumford Hall.

April 21 Discussion of a Recent USDA Soil and Water Conservation Technical

Exchange with the People's Republic of China - Gus J. Dornbusch, USDA Soil Conservation Service, Champaign. 4:00 p.m., 426 Mumford Hall.

April 28 Problems Facing Extension in the Third World - Vickie A. Sigman, Agricultural Education.

4:00 p.m., 426 Mumford Hall.

April 28 Progress Report on the Zambian Agricultural Research and Extension Development Project - Thomas A. McCowen, OIA.

noon, G-24 Foreign Languages Bldg.

## CHINA/U.S. SOYBEAN CONFERENCE

UIUC will host 12 soybean scientists from the People's Republic of China for a China/U.S. Soybean Research Conference, July 26 to 31. The Office of International Cooperation and Development (OICD)/USDA is funding the conference. In 1983, the Chinese will host a similar conference. For more information contact the Office of International Agriculture, 113 Mumford Hall, 333-6422.

The International Agriculture Newsletter is published monthly by the Office of International Agriculture, 113 Mumford Hall, University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items. The College of Agriculture provides equal opportunities in programs and employment.

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APR 27 1982

UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

May 1982 No. 48

## INTERNATIONAL ACTIVITIES

Theodore Hymowitz, Agronomy, collected seeds of Glycine tabacina, a wild relative of soybeans, in Fiji, Tonga, Vanuatu (New Hebrides), and New Caledonia from January 25 to March 12. His trip was sponsored by a Rockefeller Foundation grant.

Gary D. Koritz, Veterinary Pharmacology, is on sabbatical leave at the Research Institute of Veterinary Pharmacology and Toxicology, Toulouse, France, from February through August. He will study the influence of ruminant gastrointestinal physiology on oral drug absorption.

Roy K. Simons, Horticulture, presented a paper entitled "Scion/Rootstock Incompatibilities in Young Trees" at the International Dwarf Tree Association meetings, Grand Rapids, Michigan, March 2 to 5. Dr. Simons also served as secretary for the Rootstock Research Committee.

Earl R. Swanson, Agricultural Economics, attended a meeting of the Research Advisory Committee of USAID, Washington, D.C., April 12 to 17.

Jean M. Due, Agricultural Economics, gave a paper comparing women's productivity in two Tanzanian farming systems at a workshop at the Harvard Institute for International Development, April 16 to 18.

Ellery L. Knake, Agronomy, presented a lecture on Yugoslavia to Illinois high school students on March 6. The students will be visiting Yugoslavia,

Spain, and Austria on a trip sponsored by the People-to-People High School Ambassador Program.

Dr. Knake was in Germany from March 12 to 22 to present a keynote lecture on conservation tillage at the Herbicide and Plant Growth Regulator Research Conference, Mannheim. He also met with researchers at Hohenheim University, Stuttgart.

Three team members of the Zambian Agricultural Research and Extension Project (ZAMARE) participated in an orientation program at the International Maize and Wheat Improvement Center (CIMMYT), Mexico, from March 29 to April 10. They were William W. Roath, USDA/North Dakota, and Paul T. Gibson and Oval Myers, Jr., Southern Illinois University.

Michael F. Hutjens, Dairy Science, conducted a short course for 150 bovine practitioners at Guelph, Canada, on April 3. Dr. Hutjens discussed phase feeding, heifer management, dry cows, and cow nutrition.

Martin H. Spalding, Agronomy, will be a Visiting Fellow in the Department of Environmental Biology, Australian National University, Canberra, for six weeks beginning April 19. He will conduct research with Murray Badger on the simultaneous measurement of inorganic carbon uptake and evolution in algae using stable isotopes and a gas sampling mass spectrometer.

Kyung-Ku Shim was recently appointed Dean of the College of Agriculture at Sung Kyun Kwan University, Suwon,

Korea. Dr. Shim received his Ph.D. in Horticulture at UIUC in 1972.

Sam H. Johnson, Agricultural Economics, will be in Thailand and Burma during April and May. In Thailand, he will develop briefing materials on improving agriculture for a U.S. presidential task force, and write a project paper for a USAID rainfed agricultural intensification project. His visit to Burma in May will be for a potential oilseeds and corn project.

Joseph A. Jackobs, Agronomy, presented lectures in Egypt on soybean production at the invitation of the Egyptian Ministry of Agriculture, April 10 to 20. Dr. Jackobs also traveled to Turkey to meet with soybean production groups.

Stephen C. Schmidt, Agricultural Economics, gave a public lecture on "Food as an Economic and Political Weapon" as part of the College of Lake County's Visiting Lecturers' Series, April 13, Grayslake, Ill.

Harold E. Kauffman, INTSOY Director, and Luis H. Camacho, INTSOY/Agronomy at Puerto Rico, discussed possible cooperative projects with staff at the Centro Internacional de Agricultura Tropical (CIAT) and the Instituto Colombiano Agropecuario (ICA), Colombia, from April 19 to 22.

Dr. Kauffman then traveled to Puerto Rico to meet with INTSOY staff and University of Puerto Rico administrators.

Carl N. Hittle, Agronomy, will visit the Philippines, Sri Lanka, and Nepal from April 22 to May 18 to establish new contacts and strengthen INTSOY ties with government organizations and research institutes.

D. E. Alexander, Agronomy, will present an invited paper entitled "The Use of Wide-Line NMR in Breeding High Oil Corn" at the American Oil Chemists Society meeting, Toronto, Canada, May 2 to 6.

Harold D. Guither, Agricultural Economics, and Stanley E. Curtis, Animal Science, will study animal welfare policies and practices in Great Britain, Sweden, Denmark, West Germany, the Netherlands, and Switzerland, May 7 to June 6. The study will be supported by grants from the Center for International Comparative Studies at UIUC, the American Meat Institute, the National Pork Producers Council, the American Farm Bureau Federation, and the American Feed Manufacturers Association.

#### VISITING RESEARCHERS

Joel Jean Hardy, Institut National Polytechnique de Lorraine, France, will work with Marvin P. Steinberg, Food Science, on food processing for one year beginning in March.

Mohamedain M. Mahfouz, Medical Research Institute, Alexandria University, Egypt, began a one-year research program with Fred A. Kummerow, Food Science, in February.

Sudhakar Barik, Orissa, India, is working with Marvin P. Bryant, Microbiology Division of Dairy Science, in the study of fatty and aromatic acid catabolizing bacteria in methanogenic ecosystems. Dr. Barik can be contacted at 454 Animal Science Laboratory, 333-2090.

Y. L. Nene, plant pathologist at the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), will begin a one-year sabbatical visit in Plant Pathology in May. Dr. Nene will work with the plant virology and plant nematology groups to learn new research methods and participate in ongoing research projects.

Albert van Zadelhoff, a student at the Agricultural College in Wageningen, Netherlands, arrived at UIUC on April 19 to begin a four- to five-month traineeship in Agricultural

Engineering. He will work with Hoyle B. Puckett on livestock mechanization.

#### VISITORS RECENTLY ON CAMPUS

Michal Losiak, farmer and swine producer from Warsaw, Poland, visited UIUC on March 24 and 25, sponsored by the U.S. International Communications Agency's International Visitor Program. He met with Upson S. Garrigus, Donald E. Becker, Aldon H. Jensen, and Benjamin A. Rasmussen, Animal Science; Stephen C. Schmidt, Agricultural Economics; Gene C. Shove and Donald L. Day, Agricultural Engineering, and Harold E. Kauffman, INTSOY.

G. Ambalavanan and V. R. Muthuveerappan, Department of Mechanical Engineering, Annamalai University, India, met with Gene C. Shove, Agricultural Engineering, on April 16. Prof. Muthuveerappan presented a seminar on applying solar energy to drying and cooking foods.

Eddo Rugini, Centro di Studio per la Olivicoltura, Pergula, Italy, discussed tissue culture methods for propagating Prunus with Robert M. Skirvin, Horticulture, on March 25. Dr. Rugini was accompanied by Robert Teasdale, an Australian currently on sabbatical leave at the Institute of Paper Chemistry, Appleton, Wisconsin.

David Wilson, American Soybean Association country director for the Middle East, North Africa, and the Iberian peninsula, discussed dairy extension work with Michael F. Hutjens, Dairy Science, on March 22.

Terence B. Foley, American Soybean Association China Office Director, met with INTSOY staff on March 29.

John A. Lawrence, Assistant Director, Veterinary Research Laboratory, Salisbury, Zimbabwe, met with Miodrag Ristic, Veterinary Pathobiology, and

Earl D. Kellogg and William N. Thompson, O.I.A.

A. R. Pillay, head of the Food Crops Division of the Sugar Industry Research Institute, Reduit, Mauritius, met with the Agronomy corn breeding group on April 2.

Phaitoon Ingkasuwan, Rector of Kasetsart University, Bangkok, Thailand, was at UIUC on April 12 and 13 to sign an Academic Interchange Agreement. The two universities will work together on projects sponsored by INTSOY. Other projects in anthropology, agriculture, accounting, and business administration are planned. Earl D. Kellogg, OIA, is the UIUC Liaison Officer, and James B. Sinclair, Plant Pathology, is the Associate Liaison Officer.

Mario Habit, Regional Plant Production Officer, FAO/Latin America located in Chile, met with INTSOY staff on April 22 and 23. He discussed FAO food legume programs in Latin America, and FAO collaboration on the INTSOY/ICA soybean production course, to be held in Palmira, Colombia, November 1982.

Michael A. Phillips, Market Development Division Manager, American Soybean Association, visited UIUC and INTSOY on April 6 to discuss cooperative educational activities between ASA and INTSOY. He was accompanied by William D. Tiberend, Land of Lincoln Soybean Association.

Ilan Shomer, Volcani Institute, Bet Dagan, Israel, and Ming Nguyen, Hawkesbury Agricultural College, Richmond, Australia, met with Food Science staff on April 14. They both presented seminars.

#### VISITOR COMING TO CAMPUS

Stephanus D. LeRoux, Chief Agricultural Extension Officer, Department of Agriculture and Fisheries, Natal,

South Africa, will discuss soil management and conservation practices with Robert G. Hoeft and Robert A. Pope, Agronomy, Robert D. Walker, Cooperative Extension Service, and John C. Siemens, Agricultural Engineering, on May 17.

To meet with Mr. LeRoux contact John W. Santas, 113 Mumford Hall, 333-3638.

#### ZAMBIAN AGRICULTURAL RESEARCH AND EXTENSION PROJECT (ZAMARE)

A two-week intensive language orientation in Chibemba was held at UIUC for ZAMARE field team members and their spouses, April 12 to 24. Maurice Chisimba, a University of Zambia faculty member and currently a graduate student in Linguistics, taught the course. The course was presented in cooperation with the African Studies Program.

#### UIUC JOINS CICP

The University of Illinois at Urbana-Champaign has recently joined the Consortium for International Crop Protection (CICP). Richard E. Ford, Plant Pathology, will represent UIUC on the CICP Board of Directors, and Michael E. Irwin, Agricultural Entomology, will serve as alternate Board member.

#### FULBRIGHT SENIOR SCHOLARS 1983-1984

The new application deadlines for 1983-1984 Fulbright Senior Scholar awards are June 15 for the American Republics, Australia, and New Zealand, and September 15 for Africa, Asia, Europe, and the Middle East. Awards are offered in all academic fields for periods of two to ten months. For more information write to the Council for International Exchange of Scholars, 11 Dupont Circle, Suite 300, Washington, D.C., 20036.

The International Agriculture Newsletter is published monthly by the Office of International Agriculture, 113 Mumford Hall, 1301 W. Gregory Dr., University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items. The College of Agriculture provides equal opportunities in programs and employment.

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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

JUN 08 1982

June 1982 No. 49

University of Illinois  
at Urbana-Champaign

## INTERNATIONAL ACTIVITIES

Robert A. Easter, Animal Science, attended a two-week course on breeding, feeding, and management of swine held in Edinburgh and Aberdeen, Scotland, March 14 to 26. The course was sponsored by the Edinburgh School of Agriculture, the Animal Breeding Research Organization, and the Rowett Research Institute.

Jack R. Harlan, Agronomy, was in Bangladesh in April to assist in an FAO/UNDP review of a recently terminated Asian Development Bank jute production project.

Deirdre M. Birmingham, Agronomy, will collect soil samples in Nigeria and Niger for the International Fertilizer Development Center (IFDC) and work in the laboratory of B. T. Kang, International Institute of Tropical Agriculture (IITA), from May through August. At UIUC Ms. Birmingham will experiment with various chemical extractants to get a better correlation between soil tests and phosphorus fertilizer recommendations. The information will be used in her masters thesis.

John W. Hummel, Agricultural Engineering, represented the American National Standards Institute at a meeting of Technical Committee 23 of the International Standards Organization, Frankfurt, Germany, April 27 and 28. The committee is drafting international standards for pattern testing of granular pesticide applicators, and safety of anhydrous ammonia applicators.

On his return trip, Dr. Hummel met with researchers at the National Institute of Agricultural Engineering, Wrest Park, and the National College of Agricultural Engineering, Silsoe, England, and discussed specialized research equipment with a U.K. machinery manufacturer, April 29 and 30.

Marcos Kogan, Agricultural Entomology, was at the International Institute of Tropical Agriculture (IITA), Ibadan, Nigeria, from May 4 to 10. He participated in a planning meeting for a workshop on the protection of grain legumes (soybean, cowpea, pigeonpea, chickpea, and common bean), to be sponsored by FAO, IITA, and the Consortium for International Crop Protection (CICP). The workshop is scheduled for April 1983. Dr. Kogan also participated in a review of IITA's Grain Legume Improvement Project (GLIP).

Donald L. Day, Agricultural Engineering, attended a renewable energy workshop in Taipei, Taiwan, May 10 to 14, at the invitation of the National Academy of Sciences. Dr. Day also visited the East/West Center at the University of Hawaii on his return trip.

Sandra Brown, Forestry, was in Venezuela from May 11 to 20 to lecture on tropical forests and visit research areas. At the end of May she presented the keynote address and participated in a workshop for Caribbean foresters in St. Lucia.

Dr. Brown will be in Puerto Rico during June to collect soil samples

for a project to determine the changes in soil organic matter when forest lands are converted to agriculture and vice versa.

Duncan Vaughn, Agronomy, will be at the University of Reading, England, from May 24 to June 6 to work with Dr. J. B. Harborne in the phytochemical unit.

Poo Chow, Forestry, presented a paper entitled "Chemical Properties of Two-Year-Old Deciduous Species" at the Ninth International Cellulose Conference, State University of New York, Syracuse, May 24 to 27. The paper was coauthored by Gary L. Rolfe, C. S. Lee, and Tim A. White, Forestry.

Sam H. Johnson, Agricultural Economics, Frederic K. Lehman, Anthropology, William N. Thompson and Earl D. Kellogg, OIA, and Michael E. Irwin, Agricultural Entomology, visited MUCIA headquarters in Columbus, Ohio, on May 27 to discuss a proposed MUCIA project in Burma on maize and oilseeds.

#### VISITING RESEARCHERS

Vinod Sharma, Punjab Agricultural University, Ludhiana, India, is visiting Agricultural Engineering in May and June to study mechanization of grain harvesting.

Y. Y. Shalaby, Professor of Agronomy at Ain Shams University, Cairo, Egypt, is working with L. Frederick Welsh, Agronomy, for one year. Dr. Shalaby will study crop production and soil fertility research techniques used at UIUC, and visit off-campus research centers. He can be contacted at AW-103 Turner Hall, 333-4373.

Maryvonne Cagnard, Institute Merieux, Lyon, France, is working in Veterinary Pathobiology for six-months on a joint project on human malaria.

#### VISITORS COMING TO CAMPUS

M. S. Singh Deo, Production Commissioner, State of Madhya Pradesh, and M. D. Tedia, Madhya Pradesh State Oilseeds Federation, India, will visit UIUC and INTSOY June 1 to 4 to discuss collaboration on soybean research and development.

To meet with these visitors contact John W. Santas, OIA, 113 Mumford Hall, 333-3638.

#### VISITORS RECENTLY ON CAMPUS

O. O. Dipeolu, Dean of the Faculty of Veterinary Medicine, University of Ibadan, Nigeria, discussed new developments in prophylactic vaccines for bovine blood diseases with Veterinary Pathobiology staff from April 21 to 23.

Christopher Dammers, Veterinary College, Hanover, Germany, met with Upson S. Garrigus and James E. Corbin, Animal Science, and Erwin Small, Veterinary Medicine, on April 21 and 22.

Michael Moncaster, Head of the Instrumentation and Control Division, NAE, Silsoe, England, met with Hoyle B. Puckett and others in Agricultural Engineering on April 22 and 23.

Marcos Vulcano, Mogiana Alimentos S.A., Campinas, Brazil, discussed pet foods and visited the Department of Animal Science from April 22 to 25.

Donald Anderson, USAID, Lusaka, Zambia, Francis Mbewe, Zambia Ministry of Agriculture and Water Development, and Jotamy Madubansi, Zambian National Commission for Development Planning, visited UIUC on May 27 and 28 to discuss Zambian agricultural development.

### WORLD SOYBEAN RESEARCH CONFERENCE III

The third World Soybean Research Conference will be held at Iowa State University, Ames, the week of August 6, 1984. James B. Sinclair, Plant Pathology, will represent UIUC/INTSOY on the planning committee. If you have suggestions on topics or speakers contact Dr. Sinclair at N-519 Turner Hall, 333-6588.

### RESEARCH FELLOWSHIPS IN INDIA 1983-84

July 1 is the application deadline for 1983-1984 research awards in India. There are no restrictions on subject area, and scholars with limited or no experience in India are especially encouraged to apply. Application forms and further information are available from the Council for International Exchange of Scholars, attn: Indo-American Fellowship Program, 11 Dupont Circle, Suite 300, Washington, DC, 20036.

### FULBRIGHT SENIOR SCHOLARS ABROAD

Deadlines for the 1983-1984 Fulbright Senior Scholars Abroad Awards are June 15, 1982, for the American Republics, Australia, and New Zealand, and September 15, 1982, for Africa, Asia, Europe, and the Middle East. Application details are available from Carolyn Pribble, 113 Mumford Hall, 333-6337.

### CHINA/USA SOYBEAN SYMPOSIUM

UIUC's College of Agriculture will host a China/USA Soybean Symposium, July 26 and 27, 1982. Sponsored by a grant from the USDA/OICD (Office of International Cooperation and Development), the symposium will foster understanding of the development and status of soybeans in China and the U.S., and cooperative research programs which will benefit consumers and producers of soybeans in both countries.

The symposium is open to the public. The registration form for the general session and the program schedule are available from Carolyn Pribble, Office of International Agriculture, 113 Mumford Hall, 333-6337.

### MUCIA CARIBBEAN OPPORTUNITIES

The Midwest Universities Consortium for International Activities (MUCIA) has recently signed a contract to provide technical services to USAID's Regional Development Office/Caribbean. The contract will be administered for MUCIA by Michigan State University; Kim Wilson, campus coordinator. If you are interested in more information about the project contact Earl D. Kellogg, Office of International Agriculture, 113 Mumford Hall, 333-6337.

## INTSOY SHORT COURSES

Instruction began May 17 in the two short courses offered by INTSOY.

Soybean Processing for Food Uses, a six-week course conducted by L. S. Wei in Food Science, has 10 participants:

Nefisa Hassan ElBanna, Assistant Professor of Nutrition, Helwan University, Cairo, Egypt;

Nagy Hassan Abdel-Hamid, Research Associate in the Crops Technical Research Section, Agricultural Research Center, Giza, Egypt;

Geun Ha Lee, Research Director of Dr. Chung's Food Co., Ltd., Korea;

Hadi K. Purwadari, Assistant Dean for Academic Affairs and Head of the Technology Transfer Division, Food Technology Development Centre, Bogor Agricultural University, Indonesia;

Dedi Fardiaz, Head of Food Science and Technology and Head of the Chemistry and Nutrition Division, Food Technology Development Center, Bogor Agricultural University, Indonesia;

B. Ali Asbi, Lecturer, Department of Food Technology, University of Agriculture, Malaysia;

Salahuddin Solaiman, Senior Research Officer, Pakistan Agricultural Research Council;

Baidido Tirando Samama, Home Economics Extension Specialist, Bureau of Agricultural Extension, the Philippines;

Nomakhosi Mlambo, Nutritionist, Ministry of Agriculture, Swaziland;

Mary Chamisa Musaka, Home Economist, Ministry of Agriculture and Water Development, Zambia.

Technical and Economic Aspects of Soybean Production, an eight-week course led by John W. Santas, INTSOY, is being attended by 12 participants:

Vital Valdivia B., Leader of the Oilseeds Crops Program, La Platina Experiment Station, INIA, Chile;

Mahmoud Zaki Hassan, Food Legumes Research Agronomist at the Field Crop Institute, Agricultural Research Center, Giza, Egypt;

Ahmad Dimyati, Soybean Breeder at Bogor Institute for Food Crops, Indonesia;

Wilfred Ambrose Nzabi, Research Agronomist and Head of the Oilseed Crop Section at Nyanza Agricultural Research Station, Kenya;

Jinasiri Fernando, Research Entomologist at Maha Illuppallama Agricultural Research Station, Sri Lanka;

Denzil Francisco, Research Agronomist at Vanathavillu Puttalam Agricultural Research Station, Sri Lanka;

W. Ratnayake, Head of Agricultural Extension for Anuradhapura District, Sri Lanka;

Mahmoud Sabbouh, Plant Protection Department at Damascus University, Syria, and Ph.D. candidate in Agronomy at Oklahoma State University;

Elizabeth T. Marengo, Field Assistant at the Agricultural Research Institute, Ilonga, Tanzania;

Mbikayi N. Tshidimba, Research Agronomist, INERA, Zaire;

Mukishi M. Pyndji, Research Assistant, INERA, Zaire;

Jacob S. Tichagwa, Research Technician in soybean breeding, Ministry of Agriculture Crop Breeding Institute, Zimbabwe.



A number of scientists from Western Europe visited UIUC and met with staff in Animal Science, Agricultural Engineering, and Veterinary Medicine in conjunction with the Second International Livestock Environment Symposium, Ames, Iowa, April 20 to 23. Visitors included: Alastair J. McArthur, University of Nottingham, England; Christopher M. Wathes and Collette Jones, University of Bristol, England; Alastair T. Smith, U.K. Ministry of Agriculture, Redding; Rolf Henricksson and Ove Olsson, Swedish Agricultural College, Lund; Jan Strom and Anne Feenstra, Danish Building Research Institute, Copenhagen; Lasse Gravas, Agricultural University of Norway; Jan Voermans, Institute of Agricultural Engineering, Wageningen, Netherlands; J. P. A. Christians, Agricultural College, Ghent, Belgium; and Jean LeDividich, Swine Production Research Station, l'Hermitage, France.

Apolinario Vaz Portugal, Director of the National Livestock Center, Portugal, visited Illinois from April 21 to 23 in a program arranged through USDA/OICD. He discussed beef and hog research with C. James Kaiser, Dixon Springs Agricultural Center, recovering energy and protein from livestock waste with Donald L. Day, Agricultural Engineering, and use of marginal lands with Upson S. Garrigus, Larry L. Berger, Robert A. Easter, and Donald E. Becker, Animal Science.

A six-person delegation from Heilongjiang Provincial Bureau of State Farms, People's Republic of China, visited UIUC on April 23. They met with William N. Thompson and Earl D. Kellogg, OIA, Royce A. Hinton, Agricultural Economics, Robert M. Goodman and Zhigang Xu, Plant Pathology, and Richard L. Bernard, Agronomy. The delegation was accompanied by William Ordaz, Caterpillar, Peoria.

Jacques Pierre, Societe d'Etudes pour le Developpement Economique et Social (SEDES), Paris, France, discussed

industrial energy, alcohol production, and alcohol engines with Larry Pruitt and Donnell R. Hunt, Agricultural Engineering, and Robert Herendeen, Forestry, on April 29.

Wilbur Thomas, Agricultural Development Officer, USAID, Niamey, Niger, visited UIUC on April 27 and 28. He met with staff in Animal Science, Jean M. Due, Agricultural Economics, and Earl D. Kellogg and William N. Thompson, OIA. Dr. Thomas received his Ph.D. in animal nutrition from UIUC in 1979.

Claus Reineke, German Agency for Technical Cooperation and assigned to a dairy project in Rwanda, visited UIUC on May 3 to view dairy production practices and soymilk manufacturing. He met with John W. Santas and Harold E. Kauffman, INTSOY, L. S. Wei, Food Science, and Sidney L. Spahr, Dairy Science.

Tzeno Hinkovski, First Deputy Chairman of the Bulgarian National Agro-Industrial Union and Chairman of the Bulgarian Academy of Sciences, Nikolai Resev, Institute of Animal Husbandry in Kostenbrod, and Yachim Dimov, Deputy General Director of the Swine Husbandry Scientific Production Corporation, Bulgaria, visited Illinois under the U.S.-Bulgaria Joint Statement on Agricultural Cooperation, May 7 to 9. At UIUC the team was hosted by Raymond G. Cragle, Director of the Agricultural Experiment Station. They also met with Leif H. Thompson and Robert A. Easter, Animal Science, W. Reginald Gomes, Dairy Science, and Dean Orville G. Bentley. Dr. Cragle participated in the U.S. Livestock Team visit to Bulgaria in 1981.

Isao Ohno, Sumitomo Chemical Co., Ltd., Osaka, Japan, discussed current research on degradation of soil insecticides with William H. Luckmann and Allan Felsot, Economic Entomology, Illinois Natural History Survey, May 12.

Sebastiano Vandia, Felice Longbardi, and Aurelio Bufo, Assoreni ENI Group Research Association, Italy, toured area farms and agricultural businesses, and met with Delmar F. Wilken, Agricultural Economics, Errol D. Rodda and Donnell R. Hunt, Agricultural Engineering, and Theodore R. Peck and Doyle B. Peters, Agronomy, on May 24 and 25. They were interested in application of computers in agriculture, plants for energy pro-

duction, and soil analysis procedures.

Fourteen swine producers from Malaysia visited the departments of Animal Science and Agricultural Engineering on May 18 to study ration formulation, waste management, and genetic improvement of swine. Their program was arranged by the American Soybean Association in cooperation with the U.S. Feed Grains Council.

The International Agriculture Newsletter is published monthly by the Office of International Agriculture, 113 Mumford Hall, 1301 W. Gregory Dr., University of Illinois at Urbana-Champaign 61801; Bonnie Irwin, editor. Faculty and departments are encouraged to submit Newsletter items. The College of Agriculture provides equal opportunities in programs and employment.

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College of Agriculture  
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# International Agriculture Newsletter



College of Agriculture & College of Veterinary Medicine, University of Illinois at Urbana-Champaign

July 1982 No. 50

## OFFICE LOCATIONS FOR INTERNATIONAL AGRICULTURE STAFF

Even though the mailing address for staff in the Office of International Agriculture is 113 Mumford Hall, 1301 W. Gregory Drive, Urbana, IL 61801, the offices are located at:

Thomas A. McCowen, Ass't. Director	113 Mumford Hall	333-6421
Deanna K. Taeger, Secretary, OIA	113 Mumford Hall	333-6420
William N. Thompson, Director, OIA	113 Mumford Hall	333-6420
John B. Claar, Director, INTERPAKS	434 Mumford Hall	333-4350
Patricia A. Cunningham, Secretary, INTSOY	434 Mumford Hall	333-6337
Judy A. Hansens, Secretary, INTSOY	434 Mumford Hall	333-6422
Harold E. Kauffman, Director, INTSOY	434a Mumford Hall	333-6422
Earl D. Kellogg, Assoc. Director, OIA	440 Mumford Hall	333-6337
Carolyn M. Pribble, Project Associate	436 Mumford Hall	333-6337
Pat S. Prothe, Sec., Training/Visitors	438 Mumford Hall	333-3638
John W. Santas, Ass't. Director, Training and Visitors	438 Mumford Hall	333-3638
Diana K. Glasgow, Accountant	204 Forest Sci. Lab.	333-0264
Bonnie J. Irwin, Librarian/Publications	202a Forest Sci. Lab.	333-0264

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## INTERNATIONAL ACTIVITIES

J. B. (Jack) Claar joined the Office of International Agriculture on July 1 as Director of the International Program for Agricultural Knowledge Systems (INTERPAKS) on a half-time basis. He has been serving as University Associate Vice President for Public Service and was formerly Director of the Illinois Cooperative Extension Service.

William N. Thompson, Office of International Agriculture, was recently appointed to the State of Illinois International Trade and Port Promotion Advisory Committee by Governor James R. Thompson.

Miodrag Ristic, Veterinary Pathobiology, visited Venezuela from May 16 to 22 to discuss collaborative programs with the Venezuelan Veterinary Research Services on development of vaccines for bovine babesiosis.

John H. Herbst, Agricultural Economics, attended an international agricultural fair held in Munich, Germany, May 20 to 26. Dr. Herbst also spent three days in Switzerland where he met with Hans Roth, Zollikofen, visited a farm, and studied the Swiss agricultural education system.

Mamadou M. Bamba, Agricultural Economics, will participate in a World Bank livestock evaluation project for developing countries, Washington, D.C., May 27 to August 31.

John W. Santas, OIA, was in Bridgetown, Barbados, from July 6 to 13 to attend a seminar on "Issues in Development." This was the second in a series of six seminars for recipients of the Partners of the Americas Fellowship in International Development.

Burton E. Swanson, Vocational and Technical Education, was in Kenya during June to evaluate the agricultural education system for the International Service to National Agricultural Research (ISNAR).

Thomas A. McCowen and William N. Thompson, OIA, participated in the 18th annual conference of the Association of U.S. University Directors of International Agricultural Programs (AUSUDIAP), Lincoln, Nebraska, June 8 to 10.

Paul Gibson, Southern Illinois University at Carbondale and maize breeder on the Zambia Agricultural Research and Extension Project (ZAMARE), traveled to Zambia in mid-June to assist in planning meetings for 1982-1983.

Roy E. Blackwood, Agricultural Communications, was in Georgetown, Guyana, from June 16 to July 2. Sponsored by USDA/OICD, he presented a workshop for extension specialists and administrators on instructional media.

Dale I. Edwards, Plant Pathology, and Cecil D. Nickell, Agronomy, will participate in the Soybean Researchers' Recognition Program tour of the U.S. and England, July 11 to 21. The program is sponsored by the American Soybean Association and ICI Americas.

Andrew J. Sofranko, Agricultural Economics, and Kim Wilson, Michigan State University, served as program consultants on the recently renewed MUCIA project at the Institute of Agriculture and Animal Sciences, Nepal, June 13 to 30. They evaluated

progress of the project and prepared a plan for further development of the Institute.

Gene C. Shove, Agricultural Engineering, assisted in a course on drying, storage, and aeration of grains and seeds given for technicians involved in grain management. The course was held at the Universidad Nacional Autonoma, Mexico, June 9 to 29.

Jack M. Widholm, Agronomy, will present an invited paper at the International Congress of Plant Cell and Tissue Culture, Tokyo, Japan, July 9 to 29. He will also meet with scientists as part of the U.S.-Japan cooperative scientific project, sponsored by the National Science Foundation.

Benjamin A. Rasmusen, Animal Science, will present a paper at the 18th International Conference on Animal Blood Groups and Biochemical Polymorphisms, July 18 to 24, Ottawa, Canada. Dr. Rasmusen serves as President of the International Society for Animal Blood Group Research, which will meet during the conference.

Joseph A. Jackobs, Agronomy, leaves July 3 for six weeks in Vietnam, where he will serve as an FAO consultant in the development of a soybean production program.

#### VISITING RESEARCHERS

Charles Kamsofi, Tanzania, is studying artificial incubation management and hatchery procedures with Carl M. Parsons, Animal Science, from June 20 to July 9.

Sri Kadarsih Soeyono, Faculties of Medicine and Physiology, Universitas Gadjah Mada, Indonesia, will work on endocrinology with Janice M. Bahr and Peter J. Bechtel, Animal Science, for the summer.

## INTSOY REVIEW

A USAID review team will be on campus July 12 and 13 and at the University of Puerto Rico, Mayaguez Campus, on July 15 and 16 to evaluate the USAID contract to INTSOY entitled "Development of Improved Varieties of Soybeans."

Team members are: Elvin Frolik, team leader, University of Nebraska; Johnny Pendleton, International Rice Research Institute (IRRI), the Philippines; Allan Hankins, USAID/Asia Bureau; Robert Leffel, USDA/Beltsville; and John Yohe, Loren Schulze, and Lloyd Frederick, AID/Washington, D.C.

## UIUC-USDA/OICD MEMORANDUM OF UNDERSTANDING

The University of Illinois at Urbana-Champaign and the Office of International Cooperation and Development, U.S. Department of Agriculture, have recently signed a Memorandum of Understanding providing cooperation in "identifying and carrying out international projects deemed to be of mutual interest." The first activity under this Memorandum will be the China/U.S. Soybean Symposium.

## WAIT/UIUC AGREEMENT

UIUC recently approved an academic interchange agreement with the Western Australian Institute of Technology (WAIT), Perth, and its affiliate institution, Muresk Agricultural College. Each year, two students in agricultural communications from each campus can take part in the exchange. James F. Evans, Agricultural Communications, 58 Mumford Hall, 333-4785, is the Liaison Officer for this agreement.

## CHINA/U.S. SOYBEAN SYMPOSIUM-REMINDER

UIUC's College of Agriculture will host a China/U.S. Soybean Symposium, July 26 and 27, 1982. Sponsored by a grant from USDA/OICD, this symposium will foster cooperative research programs and an understanding of the development and status of soybeans in China and the U.S.

Symposium sessions will be held in the Playhouse Theatre, Krannert Center for the Performing Arts, UIUC, 500 S. Goodwin Ave., Urbana, IL 61801. There will be a welcoming banquet on July 26 at 6:30 p.m. in the Illini Union Ballroom. Small in-depth scientific workshops and field trips will be held from July 28 to August 6.

The symposium and banquet are open to the public. Registration forms for the general session and the banquet, and the program schedule are available from Carolyn M. Pribble, 113 Mumford Hall, 333-6337.

## MUCIA/BURMA PROJECT

The Midwest Universities Consortium for International Activities (MUCIA) was selected to negotiate a contract with USAID on a Burma Maize and Oilseeds Project. Contact Sam H. Johnson, Agricultural Economics, 304 Mumford Hall, 333-1253, for more information.

## USDA SEED IMPROVEMENT COURSE

Twenty-two participants from 14 countries will study at UIUC from July 26 to August 4 as part of the Seed Improvement Course conducted by Mississippi State University. A. W. Burger, Agronomy, will lead the Agronomy program, and John H. Behrens, Agricultural Communications, will lead the program for Agricultural Communications.



## VISITORS RECENTLY ON CAMPUS

Christine Wilson, Coventry, England, toured the Dairy Farm with Ralph V. Johnson, Dairy Science, June 12. Ms. Wilson was a participant in the International Farm Youth Exchange.

Otto Vogt-Rohlf, West Germany, met with Michael F. Hutjens, W. Reginald Gomes, and Sidney L. Spahr, and toured the Dairy Farm with Gene C. McCoy, Dairy Science, May 28 and 29. Dr. Vogt-Rohlf studied with Robert W. Touchberry, formerly Dairy Science, in 1964-1965.

K. Makasa, Chair of the Rural Development Committee, Central Committee of the Ruling United Independent Nationalist Party, Zambia, discussed the Zambian Agricultural Research and Extension Project (ZAMARE), with William N. Thompson, Earl D. Kellogg, and Thomas A. McCowen, OIA, June 12. Mr. Makasa was accompanied by Lyle Reeser, Caterpillar Tractor Co., Peoria, and Albert E. Koegh, Meridian House International, Washington, D.C.

Walter Herath, International Dambala (Winged Bean) Institute, Sri Lanka, visited UIUC on June 2 and 3, and presented a seminar on the Institute.

Noel Maugham, a swine producer from Victoria, Australia, discussed pig production with staff in Animal Science and Agricultural Engineering, June 10. Mr. Maugham is the recipient of a Churchill fellowship.

Karl-Heinz Schulz, Agricultural Attache of the German Democratic Republic Embassy in Washington, D.C., discussed alternative fuels for agriculture and artificial insemination of livestock with Arthur J. Muehling, Agricultural Engineering, and Leif H. Thompson and Robert A. Easter, Animal Science, June 15.

Winter Chibasa, Deputy Director of Agriculture, Ministry of Agriculture and Water Development, Lusaka, Zam-

bia, and Donald Anderson, General Development Officer, USAID/Lusaka, met with Office of International Agriculture staff on June 18 and 19.

Tanongchit Wongsiri, Deputy Director-General, Department of Agriculture, Thailand, visited UIUC on June 21 and 22. He met with Dean Orville G. Bentley, Benjamin A. Jones Jr., Agricultural Experiment Station, and staff in Agronomy, Plant Pathology, International Agriculture, Agricultural Entomology, and Agricultural Economics. Discussion topics included the joint sponsorship of soybean conferences and training programs.

Yoshimitsu Yamajima, Tokachi Agricultural Research Station, Hokkaido, Japan, met with Agricultural Engineering staff on June 23.

Alain Merieux, President of the Institute Merieux, Lyon, France, visited Veterinary Medicine on June 22 and 23. UIUC and the Institute Merieux are collaborating on research programs.

The College of Agriculture welcomes the following new foreign graduate students to the University of Illinois at Urbana-Champaign:

DAIRY SCIENCE: Najwa A.A.F. Haykal, Lebanon, genetics.

FOOD SCIENCE: Philip Kutima, Kenya, food microbiology; and Pankajkumar N. Patel, India, food processing and engineering.

PLANT PATHOLOGY: Harshani Gunasena, Sri Lanka, virology.

## VISITORS COMING TO CAMPUS

Yuhara Sukra, Ministry of Higher Education, Indonesia, will meet with Indonesian students at UIUC who are participating in two higher education projects, July 1 to 3. Vincent I.

West, OIPS, 3019 Foreign Languages Building, 333-1993, is arranging his schedule.

Phillip De Wet, Agricultural Economist with Volkskas, Ltd., South Africa, will study UIUC's farm management, finance, and records program with staff in Agricultural Economics, July 3 to 5. Contact Allan G. Mueller, 450 Mumford Hall, 333-0753, to meet with Mr. De Wet.

Ake Clason, Swedish University of Agricultural Sciences, will meet with Agricultural Economics staff on July 6 and 7 to discuss the preparation of research results for use by farm management extension advisers and teachers. Earl R. Swanson, 302b Mumford Hall, 333-1828, is preparing his schedule.

Richard H. Bernstein, Winrock International, will be visiting campus dur-

ing the week of July 19 to discuss applied farming systems research. Contact Alfred G. Harms, 452f Mumford Hall, 333-0753, to meet with him.

John McKenzie, Roger Packham, and Don Lundie-Jenkins, Hawkesbury Agricultural College, Richmond, Australia, will visit the College of Agriculture from July 9 to 13. They will discuss agricultural education and present a seminar on a new agricultural education program in Australia.

Greg Poole, New South Wales Department of Agriculture's Poultry Research Station, Seven Hills, Australia, will visit UIUC July 9 to 13.

Carl Dowd, Melbourne, Australia, will discuss earth-tube heat exchangers with Agricultural Engineering staff on July 10.

To meet with any of these Australians contact Arthur J. Muehling, 212 Agricultural Engineering Bldg., 333-9313.

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